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WALLACES' FARMER AND Iowa Homestead

Good Farming *Clear Thinking* *Right Living*

Does Your Land Need a Rest?

Grass Land for '48 must be seeded this year. Most farmers will sow the legumes and grasses with the oats. Farmers indicate they'll make some increases in seeding this year. Big farms will increase more than small farms, according to poll.

HAS some of your land been worn thin by the war demands for food? Is it time to think of giving the land a rest?

War demands for food are about over. Talk now is about finding markets, rather than of meeting shortages. Feed grain supplies are ample as compared with livestock numbers.

Rest for land means grass instead of grain. Fewer row crop acres. More land in meadows and pastures.

"But I want to cash in one more year," some farmers say. It might not work out that way. Anyway, it's time to think of sowing grass seed with oats.

Grass seed sowed this year will make meadows and pastures for 1948. "Cashing in" might not be in order then.

Your neighbors are considering increases in grass seeding. Turn to page 10 and read a Wallace-Homestead Poll on grass, fertilizer and soil building.

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Did War Reduce Fertility? . . . Page 10

Legislature Goes To Work . . . Page 20

Make Windows Charming . . Page 32

Cattle Numbers on the farms of the corn belt have increased during the seasons when we have had plentiful rain and therefore good pastures. If seasons become drier, more acres of pasture than farmers now have would be needed.

FEBRUARY 1, 1947

IOWA'S LEADING FARM NEWSPAPER

Royal Jupiter, Grand Champion, 1946 International Livestock Exposition, was purchased by Firestone to be exhibited to the farmers of America on a 22,000-mile educational tour.

Two Firestone CHAMPIONS

ROYAL JUPITER, 1380-pound Shorthorn, Grand Champion steer at the 1946 International Livestock Exposition, best shows today's demand in beef cattle. And on American farms, the New Firestone Champion Ground Grip is the Champion among tractor tires.

As the Champion, this new tractor tire cleans up to 100% more effectively . . . pulls up to 62% more at the drawbar . . . lasts up to 91% longer . . . and rides smoother on the highway.

There are sound reasons for this. The curved traction bars flare outward from the center, making a wider opening at the shoulder from which mud and trash fall easily. There are no open centers to collect and hold mud and trash. The connected bars take a powerful "center bite" in the heart of the traction zone. The extra-deep, pyramid-like curved traction bars cut sharply into the ground with a cleaving action. The extra height, plus buttressing at the base and Triple-Bracing near the center, give the bars greater strength and stability. Continuous bars give the Champion smoother contact with the highway . . . lengthen tire life.

When you order new tractor tires, or a new tractor, ask your Implement Dealer, Firestone Dealer Store, or Firestone Dealer to specify Firestone Champion Ground Grips.

ANY OTHER TRACTOR TIRE

WRITE FOR FREE BOOKLET

Firestone has prepared a beautifully illustrated 16-page booklet which tells in detail how Royal Jupiter was fitted and shown to the Grand Championship of the 1946 International Livestock Exposition. To receive your free copy, clip and mail this coupon today.

THE FIRESTONE TIRE & RUBBER CO.
1200 Firestone Parkway, Akron 17, Ohio

Please send me free copy of "Royal Jupiter—Grand Champion."

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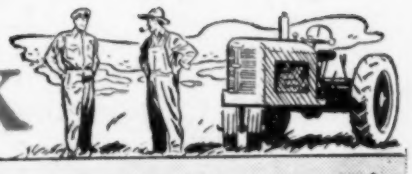
The Tank Truck



Home-Made Beet Loader Handles 60 TONS per Hour

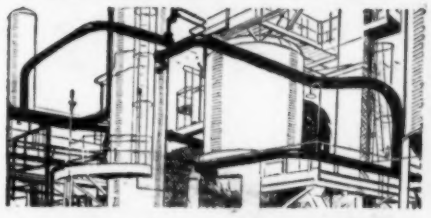
Harry Carlson aims high in his farming. His 750 acres near Eastlake, Colorado, lie some 6,000 feet above sea level, but that doesn't stop him from raising a record crop of sugar beets. Next to his crops, Harry's proudest of the extra-fast beet-loader shown here, which he designed and built himself! It handles 60 tons of beets per hour, and his Caterpillar D2 tows it eight hours a day on just one gallon of Conoco diesel fuel per hour! He writes of his experience: "For the past 14 years I have used your products . . . I have not once been disappointed and although my equipment received hard wear I have not had any trouble. . . ."

"2,000 hours more without an overhaul..."

THAT'S the claim of Charles Schoener, Jr., who farms 255 acres near Victoria, Texas, using one Farmall H tractor. "I can truthfully say," he writes, "that I can operate my tractor at least 2,000 hours more without an overhaul by using Conoco Nth motor oil. I formerly had a Farmall F14 tractor. It was four years old when I started using Nth oil. I operated it three more years with Nth. And do you know that I spent *less* money on that tractor for repairs and operations the last three years using Nth than I did the first four years of operation *before* changing to Nth? . . . It was getting older, too, and should have been costing me more. As to service—why all I have to do is wave to Gus (the Conoco driver) . . . hold up one, two or three fingers and he is back in about fifteen minutes. . . ."

And—it wouldn't be fair to let that plug for service go by without mentioning that "Gus" is G. A. Zimmer, who operates a Conoco tank truck out of Victoria, Texas.

How Modern Research Improves Farm Oil!



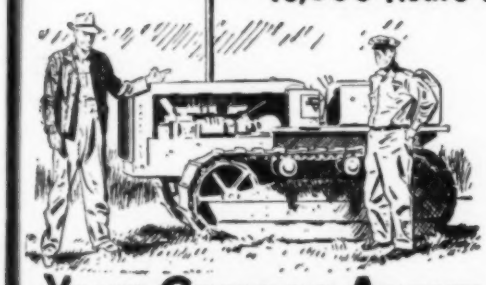
CONOCO research scientists and engineers have devoted years of chemical research to the problem of developing a motor oil with the film strength needed to meet tough farm requirements.

After thousands of experiments with hundreds of oils, they got one better than all others. That oil is Conoco Nth motor oil—and its development was based on the remarkable discovery of a special lubricating ingredient whose molecules attach themselves to molecules of metal through the basic natural force of *molecular attraction!*

In fact, so close is the bond between molecule and molecule that cylinder walls and other engine parts are actually OIL-PLATED. And because OIL-PLATING doesn't all drain down to the crankcase when the engine is idle—even overnight—there's extra protection against wear in starting, and continued extra protection even in the hardest running.

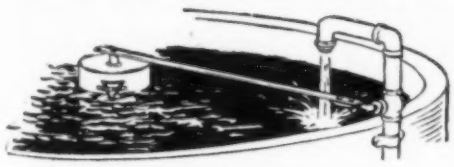
Ask your Conoco Agent about Nth oil's remarkable OIL-PLATING ability. You'll want to try it right away in your tractor—and it's tops for trucks and cars, too. Phone your Conoco Agent today. There's no obligation to buy. Continental Oil Company

10,000 Hours Without a Single Major Repair!



In the seven years Daniel Slezak has owned it, the RD4 Caterpillar seen here has worked over 10,000 hours and has worn its tracks down one full inch! Yet it has never been torn down or required a single major repair! Mr. Slezak cites that fact as evidence of the quality of Conoco products and of the good service given him by Conoco Agent Harry King of Valier, Montana. In addition to his RD4, Mr. Slezak has a W40 McCormick-Deering tractor to help farm his own 875 acres and custom-job a lot of his neighbors' work on the side. Harry has served him since 1939 with Conoco diesel fuel, Conoco HD oil, Nth motor oil, Conoco transmission oil, and all the other Conoco farm lubricants he needs.

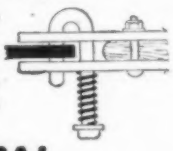
YOUR CONOCO AGENT



Home-Made Float Maintains Stock-Water Level!

The float installed in the stock watering tank above was made by Mrs. Cassie Risner of Strong, Oklahoma, using a quart tin can and an old dipper handle. The can is weighted with a stone and the lid is soldered on tight.

Kenneth De Lange sent the sketch at right from Girard, Kansas, showing a handy trailer hitch he made out of a bolt and nut, a washer, and a discarded valve spring.

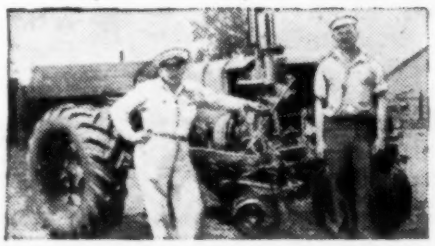


DOLLAR AN IDEA!

Ideas are worth money. Send your original ideas to The Tank Truck, in care of this paper—and get a dollar for every one that's printed.

CONOCO

What Grease for the Job?



KNOWING what *oil* to use for a particular piece of machinery during a particular season is a knack that's easy to learn. But many's the farmer who has found out the hard way that choosing *grease* is a lot more tricky—mainly because grease-lubricated parts vary so widely in load conditions and in exposure to heat, cold, moisture and weather. Take no chances on just any old grease. Chances are you'll run into trouble that way—and trouble is so easy to avoid, if you'll just call your Conoco Agent. He knows just which Conoco grease—Coglube, Robalube, Pumplube, Racelube, Sujind grease, cup grease, axle grease—to use for every job.

M. L. Percy of Winterset, Iowa—seen in picture at left with Conoco Agent Don McKee—is a case in point. He's never had a bit of trouble with oil since he switched to Conoco Nth six years ago. As he puts it, himself: "When I go out to do custom work I open the governor wide . . . and I have never had a bit of bearing trouble. My Graham Bradley is 12 years old now and has the original bearings in it and does not use a drop of oil."

When it came to grease, though, there was a different story—until Mr. Percy called in Don McKee. He writes of this: "I was having trouble with my combine getting a proper grease that would not get hot and run off until I started using pressure lubricant and this has really done a swell job for me. In corn picking I use Conoco No. 20 . . . which is just the thing for corn pickers; easy to handle and on the job all the while."

Buy Chicks NOW!

..with Chicks, too

The Early Bird Makes the Profits

START them early*—mature them early, and step up this year's profits substantially.

That's the 1947 advice of all leading poultrymen. Early chicks make early fries—hit the top market for tender, spring meat. Early chicks make early layers—for the high-priced early fall egg market—and have a longer laying season before hot, summer weather comes. Records show less disease loss, lower mortality with chicks started in February and March. EARLY CHICKS MEAN BIGGER CHECKS.

*For those who cannot handle chicks at the moment, it's still good business to place ORDERS now, to be sure of getting the quantity, type, and breed desired, when wanted.

A FAST Start Means A Fast FINISH

EQUALLY important — Adopt a FEEDING program that will start them fast, keep them coming fast, finish them fast. Use a QUALITY starting mash that contains all the essential minerals, vitamins, and proteins. Keep plenty of feed and water before them ALL the time. A strong, fast start —based on quality feeding—is your best insurance for a strong, fast finish.

We predict 1947 will be a profitable year for the poultry raiser who buys his chicks EARLY, feeds them properly, and follows the established rules of sound management.

The Feed Industry joins in endorsing the Chicken of Tomorrow contest, and urges participation on the part of every poultry raiser.

FEED INSTITUTE OF IOWA
830 Liberty Bldg DES MOINES

INSIDE STUFF

ARE PRICES going on up? Or will they start to drop soon? Or will they level off? For a tip, look at what the Federal Reserve Board did recently.

▲▲

UP UNTIL NOW, you had to pay 100 per cent of the price in cash when you bought stock on the New York Stock Exchange. The reserve board made this rule to hold down speculation and inflation.

▲▲

NOW THE BOARD says 75 per cent is enough. Apparently, part of the board's worry about rising prices is gone.

▲▲

EGGS IN IOWA and the corn belt have a support price of 33 cents now. All that means is that drying plants have to pay 33 cents when they buy eggs to dry on government order.

▲▲

IF YOU'RE SOME distance away from a drying plant, you may get less than 33 cents. Folks out west report that eggs can be down to 20 cents in some places, even tho the plants hundreds of miles away are paying 33 cents.

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WHAT PER CENT of parity is this? National egg parity was around 55 cents in December. The parity figure for Iowa was around 42 cents. Steagall supports (90 per cent of parity) would be 49.5 cents nationally and 37.8 cents in Iowa.

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EGG-DRYING support price of 33 cents for Iowa is below the Steagall figure. So is the national figure low.

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WHAT SHOULD be done is what Wallaces' Farmer and Iowa Homestead suggested recently. Figure out a support price that is fair to farmers and that will get the volume of eggs needed. Then back up this price by compensatory payments.

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IOWA MASTER FARMERS lost two members in the last few weeks. W. H. Royer, Dallas county, died first. He was followed by Seth Miller, Warren county.

▲▲

BOTH WERE GOOD farmers and able community leaders. I shall miss them both. The last time I saw Mr. Miller, he came in to report his big yield on Clinton oats. And he added:

▲▲

"BE SURE to give the tenant plenty of credit. He did the work and got the crop."

▲▲

WHENEVER I get a letter from somebody who wants to know why we are sending so much food to Europe and Asia, I think of Samuel Legg. Legg and some other men lived on European rations, under army direction, to see what it was like.

FOOD WAS CUT down to 1,800 calories. This is higher than in many parts of Europe. Americans average over 3,000 calories. Legg says:

▲▲

"WE COULDN'T keep warm. The skin changes. You have light spots under your eyes and dark splotches over your cheeks. I had a few ridges in my mouth, and my tongue was ridged."

▲▲

SAMUEL LEGG and his associates couldn't do real work. "Once you are in a chair, getting up is a major operation.

▲▲

"NOT ONLY are you weak, but you get mad easily, find it hard to work with people. You don't care about anybody else."

▲▲

NOW TAKE FOLKS hungry, weak, discouraged, irritable, and put them up against the overwhelming job of patching together a Europe blown to bits by war. Do you wonder that food holds such an important place in getting Europe going?

▲▲

FARMER ELEVATOR men of Iowa are meeting in Des Moines this week. And, as usual, they'll have their business meeting on the second of the three days of the convention. All the delegates and most of the visitors will be on hand.

▲▲

IT WASN'T always that way. Years ago, the Iowa Farmer Grain Dealers acted like other organizations. The business meeting came on the last day, after practically everyone had gone home.

▲▲

BUT FINALLY Oscar Heline, Milford Beeghly and some of the other elevator men said to each other: "We want everybody to hear the resolutions and the business reports."

▲▲

SO THE ELEVATOR men put the business session right smack in the middle of the three days. They still do. I think it's a fine idea. Other farm groups could well do the same.

▲▲

ON OUR PLACE, the January thaw got us started scratching around in the garden, cleaning up trash, getting some dead branches out of trees. Now that the family is smaller, I guess I had just as well seed down part of the old garden and hook it onto the pasture.

▲▲

THE PULLETS are laying like mad. I haven't discouraged them by telling them that the support price is only 33 cents.

DONALD R. MURPHY.

WALLACES' FARMER AND IOWA HOMESTEAD

Volume 72—Number 3

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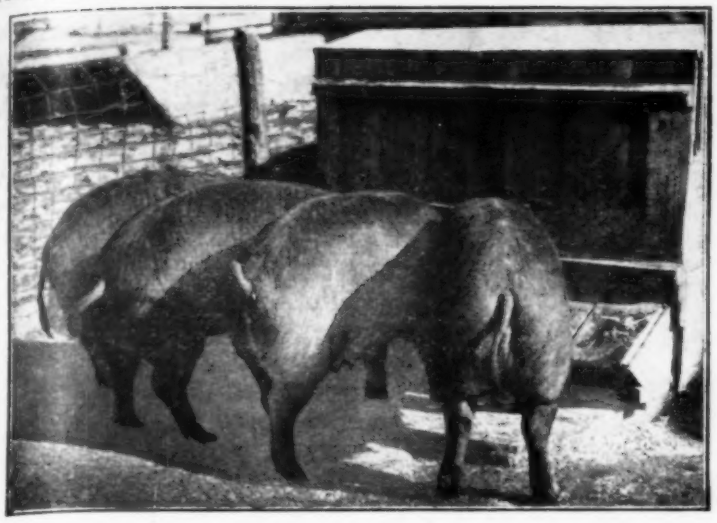
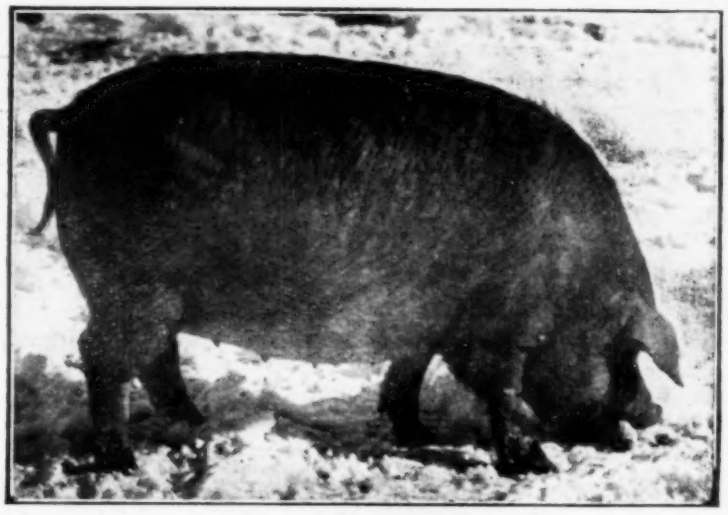


Fall Sows raised fall litters. And they are bred to farrow again in about two months. These sows are not apt to get too fat, says Cloyd Cornick, Henry county, Iowa, who is self-feeding them.



This Gilt is due to farrow within a month. She has had plenty of corn in her ration, but now she needs more bulky feed, such as alfalfa meal and ground oats, with less corn, Cornick says.

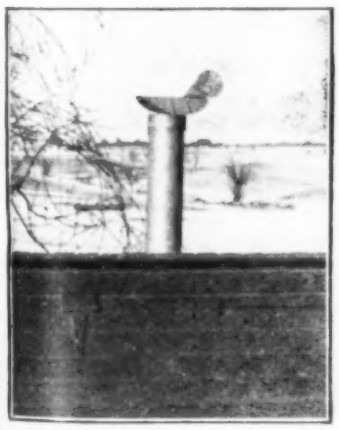
Sows Should Be In Good Flesh

Don't Fatten Them But Feed Plenty of The Right Feeds for Stronger Litters

"YOU fatten a market hog, but you should condition sows and gilts," is the way Cloyd Cornick, Henry county, Iowa, hog breeder, explains his ideas on feeding bred sows and gilts.

He doesn't like to use thin sows for farrowing. They need to be in good flesh if they are going to milk well. But there is a difference between a fat sow and one that weighs the same but isn't fat, he says.

Cornick points out that exercise is a very important factor. Some sows are naturally more lazy than others, and will become too fat. It has been his experience that well exercised sows in good flesh at farrowing time will provide more milk for their pigs and raise more pork.



Small ventilators used on portable houses help to carry away the moisture, says Earl Heitmeier, of Louisa county, Iowa.

"Alfalfa meal is an awfully cheap feed," Cornick says. It not only provides valuable bulk, vitamins and protein in the ration, but in some way it seems to help the hogs to get more nourishment out of the other feeds they eat, he says.

By this time, most of the sows and gilts to farrow spring pigs should be getting in good shape. A sprinkling of 1947 spring pigs has already arrived, with more to come this month. But the big rush will come within a couple of months.

If the sows and gilts on your place are a little thin in flesh, give them some of that bumper corn crop along with lots of exercise. The last 30 days before they are to farrow you can cut away down on the corn if they are in shape.

During that last month or so, plenty of alfalfa meal, oats, protein supplement, mineral and fresh water, along with exercise, make up the prescription followed by many hog raisers.

George W. Triska, also of Henry county, likes to feed plenty of alfalfa hay. This year, his sows and gilts are getting some in their bedding. He is bedding with straw clipped from a new seeding, and the hogs really go thru a fresh batch of bedding to get at the alfalfa.

"I think sows need plenty of supplement and mineral," Triska says. "If you feed plenty of alfalfa, mineral and supplement, you won't have much trouble at farrowing time."

And he has 80 good fall pigs raised from eight sows to show that his system pays.

Triska went on to say that now is the time of the year to spend a lot of time with the sows. Work with them and get them tamed down. It may mean extra pigs if you can get in the pen without disturbing the sow, he says.

In that, he agrees with Cornick. Cornick thinks that along with the pig brooder articles in the last two issues of this paper, we also should have said:

"Getting friendly with the sows and using a brush and curry comb on them during the winter saves almost as many pigs as a brooder."

It is true that the bulk of pig losses between farrowing and weaning occur during the first couple of days.

Herman E. and John H. Wilke, a father-son partnership in Des Moines county, Iowa, have 90 gilts to farrow this spring. They used three boars to breed 30 sows. Then they waited about three weeks and bred 30 more. The final 30 are bred for farrowing about the first of June.

The gilts picked up their corn in the field until it was gone. Now they get a standard ration with supplement and plenty of salt.

"We like to feed plenty of salt," John says.

Altho he prefers to raise fall pigs, Richard C. Stephens, still another Henry county man, has 15 gilts for this spring. They'll farrow during the last half of March.

Gilts need some corn, but oats with supplement, mineral and salt make up the bulk of their feed just before they farrow, he says.

That gives them their corn to grow, build the litter and put on some reserve flesh before the last few weeks of the farrowing period. Then, if they look "right," the corn is tapered down.

Corn is an important feed for sows and gilts. The danger lies in lack of exercise and lack of bulky material like alfalfa and oats in the ration. There is plenty of corn on hand this year, and you may be tempted to feed too much of it.

On the other hand, you don't want to go too far the other way. For the first couple months after the pigs are born, a sow is going to call on her reserve flesh for part of the milk she gives.

That's why she should be in good shape. And remember that right now a lot of that protein supplement, alfalfa, mineral and water is going into the litter of pigs, too.

In the last few weeks before farrowing, spend lots of time with sows. Get them used to you. You should be in the pen with them at farrowing time.

If your sows farrow in portable houses, have the houses handy as possible. Purdue University studies showed one farmer with 16 houses how to cut walking from 1,249 to 916 feet at each feeding. Further rearrangement reduced number of times he had to climb panel fences from 42 to 16.

If it had been possible to change half the doors on his houses from "rights" to "lefts," he could have reduced labor in feeding and watering to about one-third of what it originally was.

Gilts on Richard C. Stephens' Henry county, Iowa, farm are in good flesh. He feeds them corn, oats, mineral, along with both animal and vegetable protein and always plenty of water and salt.

Editorials

Drouth And Hoppers May Come Again

JUST when we hoped to cut down the number of government farm agencies, here comes Secretary of Agriculture Anderson to ask for a new one.

Instead of letting PMA (the old AAA) handle crop insurance, he wants a new outfit to do the work. This new crowd would handle crop insurance from Washington all the way down to the county.

What has stirred up Secretary Anderson to make this suggestion? Apparently, it is the high cost of running cotton crop insurance in the south.

PMA men in the corn and wheat belts have kept costs at reasonable levels. But in the south, PMA workers have spent lots of money and haven't much to show for it.

If the PMA method of using county and township committeemen works all right up north, why can't it be made to work down south? Perhaps the southern PMA needs a shake-up?

Some farmers who remember 1934, 1936, chinch bugs, grasshoppers, hot August winds and early frosts are likely to have a friendly feeling for crop insurance.

We hope Secretary Anderson doesn't let his irritation with cotton crop insurance lead him to try to kill the whole crop insurance program or the township and county committee system of PMA.

MORE FAUCETS

Less than one-third of corn belt farm homes have running water. Every farm woman should be able to turn a faucet instead of going outside on a cold morning to thaw out a pump. Putting water in the home should be a major 1947 project on every corn belt farm that does not already have it.

If We Want To Export, We Must Import

SOME farm groups are getting worried about the trade conference in Switzerland in April. There 18 nations will try to agree on some reductions in tariffs.

From this side of the water, it is easy to say that all tariffs in Europe should be wiped out. Make all Europe a free-trade area, like the United States, with no more trouble selling from Denmark to Spain than from Oregon to Mississippi.

But when it comes to saying that our tariffs should be cut, that's different.

Farmers naturally divide in two groups on this. Folks who have a surplus to sell overseas ought to be favorable to tariff reductions. Hog, cotton, tobacco and wheat farmers should work like mad to lower tariffs so we can ship in stuff to pay for the pork, wheat, tobacco and cotton we ship out.

But farmers who produce wool, sugar beets, soybeans, etc., have a different story.

They raise less than the United States wants. From their standpoint, they will make more money if a high tariff keeps out competition.

So a farmer is a low-tariff man when he looks at his hog pen; a high-tariff man when he looks at his soybean bin.

More farm income and more farmers are on the export side and low-tariff side of the argument. But sometimes the smaller numbers on the high-tariff side yell the loudest.

Yet the cold fact is that most farmers will be in a bad spot, with surpluses hanging over their heads, unless we have a sizable export business in the next few years. And we can't sell unless we buy.

Maybe farmers should do as Ed O'Neal of the Farm Bureau, suggested the other day: "Blue-print just what imports and the approximate volume the nation needs. . . . A positive import program should be developed which would encourage the importation of essential products and materials, without disrupting our domestic economy."

O'Neal is a cotton man. He knows that we must have imports, if cotton is to be sold abroad. But the same thing is true of wheat and lard.

Back To Crop Control?

THERE'S a lot of talk now about going back to AAA crop controls. Let's not move too quick on this.

Queer thing is that much of the talk comes from the new Republican congress. Some of these congressmen used to make tough speeches about "regimentation." But times have changed.

Here is what the new congress is up against:

1. It can support prices, without production controls, at 90 per cent of parity thru 1947 and 1948. But it will cost several billion dollars and will upset budget balancing and tax reduction.

2. It can support farm prices at 90 per cent of parity, but only on a percentage of the whole crop. This won't cost so much, but will be a lot of work, and will duplicate the New Deal AAA.

OF THE two choices, a good many congressmen seem to lean toward the second. So does Secretary of Agriculture Anderson.

Farmers aren't too pleased with either of the plans.

If Plan No. 1 is followed, the two years will end with enormous surpluses piled up and a market ready to break in early 1949.

If Plan No. 2 is followed, it means a lot of bother and expense, without any certainty that we won't get into surplus trouble anyway.

But are there only two choices? Maybe there are other ways to skin this particular cat.

Any sensible program would probably hit the surplus problem from four or five angles, not one or two. Here are possible ways:

1. Admit that 90 per cent of parity is too high on some things, too low on others. Revise the parity figure.

2. Expand school lunches and start food stamps to move surpluses into consumption. This will cost money, but you get something for it—healthier children.

3. Build up soil conservation programs, get corn and wheat land into grass, and see that you get real conservation for every dollar you spend.

4. Be liberal with exports of food while Europe is trying to get on its feet. And be sensible about tariff reductions, so we can import stuff to pay for the products we send out.

5. If, after all these things are done, prices still fall below support levels, don't use controls or storage, but give the farmer a check for the difference. It will cost less in the end, and will move the food into consumption.

CONGRESS and farm leaders should explore all possibilities before they fall back on ineffective and expensive government buying of surpluses, or before they return to AAA crop controls.

We can do better than that. Let's use 1947 methods in 1947.

Before we get thru, we may have to revive the old AAA, and we may have to have the government buy surpluses on a big scale. But let's see first if we can't find better methods — methods that take less work, less money, and that do a better job.

More Corn Now Than Back in 1941

AS YOU have noticed, there's a lot of corn around this year. How much? Well, in Iowa, we have 480 million bushels on farms, and a year ago we had only 322 million bushels.

How does that compare with the years of big corn supply in pre-war times? In January, 1941, we had 477 million bushels in Iowa—about the same as this year.

Nationally, we have 2,100 million bushels on hand on farms. In 1941, the figure was 1,900 million bushels.

The point is that, both in Iowa and the nation, we are up to the 1941 figure. The price then was 49 cents on Iowa farms.

Maybe we can handle a bigger corn reserve than we used to think. If so, we'd better plan on building a lot more cribs this year.

Here's One Way to Save Your Cash

HERE is a buying tip for farmers. You've probably heard that print paper prices are going up, and that other costs of farm paper publishing are rising, too.

This is all true. It costs Wallaces' Farmer and Iowa Homestead much more to do business under present conditions than it cost a year ago.

We don't like to raise our subscription prices. But with costs going up, it may be hard to keep subscription rates where they are now.

So the tip is this: Renew your subscription to Wallaces' Farmer and Iowa Homestead now, and be sure of getting the paper at the present low price. Better make it a five-year subscription and be sure of a bargain — only $2.50 for five years, which includes membership in the Service Bureau.

You can renew now even if your subscription has some time to run. We'll add the five years onto the end of your present subscription.

Who Gave You Good Advice In June, 1946?

IN our issue of June 1, '46, Wallaces' Farmer and Iowa Homestead said: "Some farmers and farm organizations in the beef and dairy field are pushing hard to get rid of all ceilings after July 1.

"Do these folks know just what they are asking for? If ceilings come off farm products July 1, what else will happen? . . .

"Ceilings will come off everything farm people buy. In some cases, these prices will go up faster than farm product prices."

Last month, butter prices dropped to June OPA ceilings. But even before that the cost of goods farmers buy was up 20 per cent for family maintenance and up 7 per cent for production.

Check the present facts against the predictions that were made on June 1, 1946. Who was right?

Odds *and* Ends

TIME to get ready for another crop year. In two months, you'll be planting oats. Or, if you are real enterprising and lucky on weather, you might even be out with the end-gate seeder in late March.

GET some clover and alfalfa started if you can. And think about contouring before you begin spring plowing. Remember what last spring's rains did to some of those slopes?

GOVERNOR Dewey, of New York, says federal funds won't cover costs of the school lunch program in New York, and is asking for state appropriations to finish the job.

IF YOU have a mortgage, is it written for five years or 30 years? Interest rates may be higher five years from now than they are now. Convert short-term into long-term mortgages if you can.

FARMERS with 150-pound hogs on hand might consider bringing them along so they'll hit the late April or May market. The shortage of fall pigs should do the hog market some good by that time.

WITH the biggest winter wheat crop in history looming up, Secretary Anderson has suggested that farmers cut the spring wheat acreage and shift to flax. We certainly need flax lots more than we do wheat. And the $6 support price for flaxseed looks like good money.

MONTANA, Colorado, Idaho and Wyoming don't have quite as much hay on hand as a year ago, but the total is well above the 10-year average. Ranchers don't have to make any sacrifice sales of cattle yet.

GOOD weather, good feeding and good hens are combining to keep egg production above last year, even tho hen numbers are 5 per cent down. That's one reason why egg prices are shaky.

IOWA has more laying hens than a year ago; they are laying better, and the egg production of the state has gone up. Iowa produces more eggs than any other state in the Union. Minnesota is second.

SYNTHETIC rubber plants may be kept going by the government to produce 250,000 tons annually. This would make it certain that nobody gouged us on natural rubber prices.

A SUBSCRIBER hungry for sugar asks: "Why won't the government let farmers raise more sugar beets?" Actually, there has been no limitation on sugar beet acreage since Pearl Harbor.

SUGAR beet acreage didn't increase very much during the war because the beet growers couldn't get enough labor. And other crops looked more profitable.

FROM November 15 to December 15, 1946, prices of things farmers sell dropped 1 per cent. Prices of things they buy went up 8 per cent. From the start of the war till last fall, farm product prices rose faster than prices of goods farmers buy. Now the trend is the other way.

LABOR, a weekly paper representing a group of labor organizations, notes how pay for labor and pay for farm products go up and down together, and says: "The farmer's prosperity is in the worker's pocket. But it works the other way, too—the worker's prosperity depends on what the farmer gets for his products. They are two men in one boat."

BIGGEST corn loan volume in recent years was in 1939, when Iowa sealed 144.5 million bushels and the nation sealed 301.7 million bushels. Biggest corn sealing of the 1945 crop was in Nebraska, but with only 1.3 million bushels.

PRICES can still fool us. Hogs have held up better so far this year than most folks expected. Butter prices have dropped faster than expected.

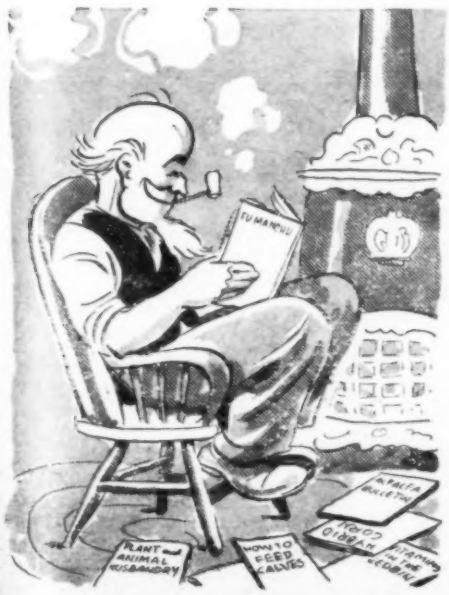
AVERAGE Iowa land sale price in 1946 was $149, or 69 per cent up from the 1941 price of $88 per acre. Western Iowa land advanced the most. W. G. Murray, of Iowa State College, reports the figures.

LOTS of cattle on feed these days. When they're ready to go, move them. And don't dally around too long. Beef prices next spring and summer may not be much to brag about.

IN CASE you're interested, the egg did come before the chicken. Prof. Alfred S. Romer, of Harvard, says that reptiles, ancestors of the chicken and lots of other things, laid hard-shelled eggs on the sand. The harder the shell, the more likely the reptile was to survive and to turn—several million years later—into a chicken.

Song of the Lazy Farmer

MY NEIGHBOR keeps on rushing 'round despite the snow that's on the ground; he acts as if he doesn't know that winter's time to take things slow. From early morn 'til sun goes down, he can't find time to go to town, he's always finding endless jobs from feeding hogs to scooping cobs; his place looks neat, I must admit, he puts so blamed much work on it so he can beat us in the race to have a better looking place. But if he keeps on working hard a-cleanin' up his barn and yard, he won't be fit to do a thing when it is time to work next spring.



Now I believe a man should sit and figure things ahead a bit; when weather's cold and winds do blow and everything is piled with snow, it's smart to study up on feed and make your plans to buy some seed. Altho I didn't have much school, I do not want to be a fool, so I am readin' bulletins 'bout hybrid corn and vitamins; and when warm weather comes once more my back and legs will not be sore, I'll know just what I want to do and will not have to fret and stew. And meanwhile I won't have no fears that I will f: ze my nose and ears.

Save state surplus to use if hard times come, says Mary Woodside, of Adair county, Iowa.

A WALLACE-HOMESTEAD POLL

Farmers Favor Bonus, But---

"Even if it increased taxes and made a bond issue necessary, would you favor a state bonus for Iowa veterans of World War II?"

	Yes	No	Undecided
All farm people	44	34	22
Under 35 years	56	25	19
Thirty-five years and older	38	40	22
Farm owners	37	41	22
Farm renters	51	27	22
Veterans and their relatives	58	27	15

Bonus is all right, but hospitals are better, says Max Schuerman, Henry county, Iowa.

Bonus, Schools, Roads ---What?

Farmers Are Friendly to Bonus, But Think Iowa Needs Other Things More

HOW do the farmers of Iowa feel about giving a state bonus to veterans?

It depends on how you ask the question. If you say: "Do you want a bonus?" a majority replies in the affirmative.

If you say: "How would you split up state funds between the bonus, state aid to roads, schools, etc.?" the bonus doesn't rank high on the list.

Veterans and their relatives naturally gave the bonus the biggest vote. Yet 27 per cent of this group said "No."

Real opposition to the bonus comes from older farm people and from owners. They are thinking about taxes.

Farm Bureau members, incidentally, show a slight margin against the bonus. They're concerned about state aid for schools and roads, and apparently fear that a successful bonus bill will block other spending measures.

"The boys should get their bonus from the federal government," said a Tama county farmer. "Iowa sent more boys than some other states, and that would mean a state bonus would run taxes up higher."

But a Washington county farm woman declared: "The World War II veteran surely deserves more than he's getting. Why shouldn't his own state do something for him?"

"Some veterans may need the bonus and some have earned it," said a man in Sac county. "But I have seen some come back perfectly able-bodied and still get unemployment compensation. I don't think they need a bonus."

A veteran in Black Hawk county made this comment: "Of course, I'm for it. I'm for everything I can get."

A Mahaska county farm woman said: "I think the state should give disabled veterans a bonus, but not the rest."

Some veterans of World War I claimed that veterans of this last war were being given much more liberal treatment in loans, terminal pay, education, etc., and that a state bonus isn't as badly needed as after World War I.

A Clay county farmer added: "If a bonus is paid to World War II veterans, regardless of how and when, it will be paid by veterans themselves eventually. Tax-payers will be mostly veterans in a few years."

But a Linn county farmer said: "I am much in favor of a state bonus. They lost lots of time and good money while they were in the service."

When the question was changed so that farmers had to pick one out of several ways to use state money, the bonus didn't do so well.

Only 10 per cent of farm people were still for a bonus. And only 26 per cent of veterans and their families stayed on the bonus side.

Veterans in this group were 26 per cent for aid to schools, 14 per cent for aid to roads and 21 per cent for keeping the extra money in the sock.

When Governor Blue spoke of the desirability of keeping adequate funds as protection against a drop in revenue, he spoke for at least 19 per cent of all farmers of Iowa.

That many voted for a saving policy. But 25 per cent wanted state aid for schools and 28 per cent wanted state aid for roads.

Farm people who had gone to high school or higher institutions were 28 per cent for state aid to schools. Farm people who hadn't gone beyond the eighth grade were only 19 per cent in favor.

Equal support of roads was shown by Republicans and Democrats, but Democrats gave more of a vote to school support. Democrats favored a bonus a little more than Republicans.

Older farmers gave a heavier vote to state aid for roads than did younger ones. Tenants were more eager for aid for schools than for roads, while owners gave preference to roads.

Farm Bureau members were 27 per cent for school aid, 30 per cent for road aid, 11 per cent for hospitals, 20 per cent for saving, and only 7 per cent for a bonus.

Farm comments on this question follow:

"The farmer off the highway needs good roads to get his produce to town, to get his children to school and to get necessary articles for himself and family. Why not use some of our general fund so every one will have all-weather roads?"—Jones County.

"If Iowa has so much money available, why doesn't she go ahead with the farm-to-market roads which have been so much talked about?" — Johnson County.

"We definitely need to build up our schools, as our education is going downhill, so I think we need state aid for schools."—Woodbury County.

"Our one-room rural independent school is sadly out-dated, and I wish that some of that surplus could be used to better the school situation."—Cerro Gordo County.

"I would have voted for schools except the help is going now to the town schools instead of our country schools. After we get the country schools closed, it is going to cost plenty to send the children to the town school on the bus."—Sac County.

"Why not use some of the state's surplus funds for our schools and state institutions that need help so badly? They are a disgrace to the state."—Buchanan County.

"By all means improve the Iowa roads. Around here, the roads are a disgrace to the county."—Bremer County.

"If people could see little children sitting at ill-fitting desks, in poorly kept country school houses, I'm sure they would agree money not ear-marked for any particular purpose should be used for the betterment of schools."—Franklin County.

"We have a half-mile of dirt road that could use up a little of that money for the state."—Mahaska County.

They'd Rather Spend Cash For Schools, Roads

"Iowa's general fund has $8,300,000 invested in bonds and not ear-marked for any purpose. For which of these things would you rather see it used?"

	Per cent
State aid for schools	25
State aid for county farm-to-market roads	28
Bonus to World War II veterans	10
To help build hospitals and other civic buildings	11
Save it to be used for general expenses, when prices go down and tax revenues decrease	19
Undecided	7

Every Farm Needs A First-Aid Kit

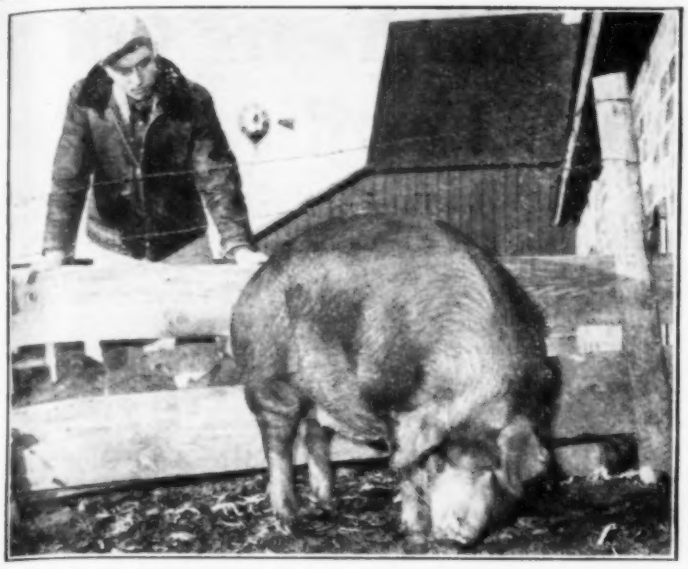
Every farmer owes it to himself and to his family to provide first aid materials to attend to the minor injuries that occur in doing farm work.

Adequate first-aid kits containing the essential medicines and drugs are on the market. Or you can take a metal box and fix up a couple kits. A fishing tackle box or small cash box makes a good container.

The National Safety Council says it is a good idea to keep one kit in the house and have the other at a convenient location on the farmstead.

Minimum requirements for such a kit are rolls of adhesive tape of varying widths; sterile cotton, swabs and sticks, sterile cloth for bandages and tourniquets; matches; burn ointment; iodine, boric acid, tincture of methylate, tincture of benzoin, liquid green soap and rubbing alcohol.

Sometimes the small cuts and scratches cause the worst infections. And a little first aid can really be worth a pound of cure.



After looking over the sows, Erickson decides he should start getting things ready. This is the month to clean up the farrowing house, repair brooders, get equipment fixed up, he says.

Getting Set For Spring Pigs

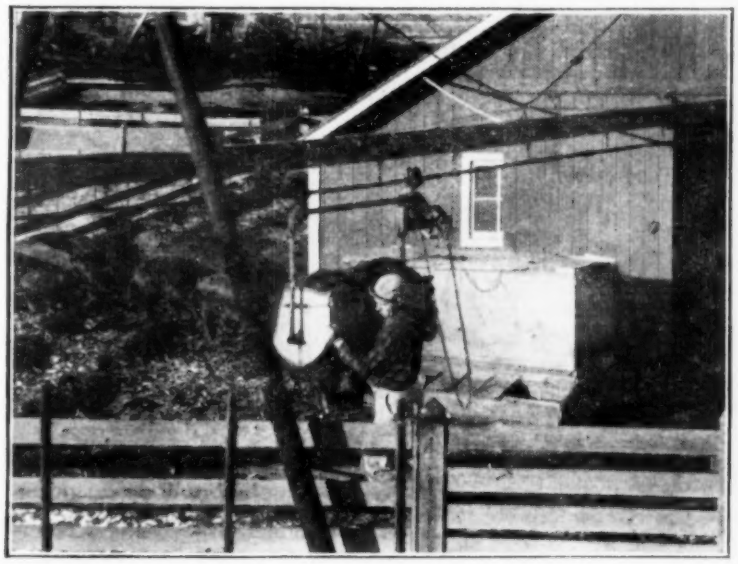
NOW is the time for the hog raiser to check over his equipment, clean things up and get in readiness to handle those early spring pigs when they arrive.

The pictures on this page show a few of the many chores that keep a fellow busy just before farrowing time.

The pictures were taken on the farm of young Norman D. Erickson, Hamilton county, Iowa, hog raiser. They were taken on his twenty-second birthday. Erickson farms 400 acres, now has 80 bred sows, but intends to sell part of them so he can raise about 200 pigs.

Erickson got started in hogs thru 4-H work. He took over the farm after his father's death, and has been married about two and a half years. He's a booster for plenty of fresh water for hogs, believes in clean farrowing pens and growing pigs on clean ground.

It Takes a lot of book work on a 400-acre farm with 80 brood sows. And Mrs. Erickson has proved herself to be a willing helper. Erickson specializes in hogs, but carries about 40 head of cattle, too.



Farrowing house is surrounded by concrete floor and pens. It has a litter carrier which saves a lot of work cleaning pens. Dry bedding is essential and pens must be cleaned often for little pigs.

Old Auto headlight reflectors have been converted for use in pig brooders. Shown with hired man, Godfrey Bjustron, Erickson has 38 brooders to inspect and get in working order.

Extra bales of bedding are kept overhead in the farrowing house. Erickson finds that this supply of bedding comes in very handy when the weather is bad or when straw is wanted in a hurry.

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THAT PROVIDES UNIFORM MILKING!

UNIFORM MILKING . . . without change from one milking to the next . . . is necessary to highest milk production levels. Variations and changes in milking speed and action in machine milking cause loss of production . . . exactly as when hand milkers are changed. Only the De Laval Magnetic *Speedway* Milker with the famous "Magnetic Heart" . . . which controls pulsations for each unit from the Pulso-Pump magnetically . . . assures that your cows will *always* be milked in the same *correct, uniform* and *regular* manner day after day. And that means highest, uniform milk yield!

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DE LAVAL

Did War Years Cut Farm Fertility?

Over One-Third of Farmers Answer "Yes" In Poll, Will Use Grass and Fertilizer to Rebuild

"DO YOU think big grain acreages to meet war demands for food have made your land poorer?"

Some answers to that question from farmers are a little surprising. Many say "No."

Here are the answers in a Wallace-Homestead Poll. The group included big farmers and little farmers, owners and renters.

A little over one third, or 36 per cent, of the whole group said too much grain had made their land poorer. But 58 per cent said they had maintained fertility during the war. Six per cent didn't know.

Does that mean that grain acreage increases were all on this one-third of the farms? No, many of the 58 per cent who thought their land was not hurt by big acreages of grain said other methods had kept up the fertility of their land.

"I don't think my land is poorer. I used lime and fertilizer." That's from a Monroe county man. Crop rotation was added by a Jones county farmer. He said: "I have always used a practical crop rotation and fertilizer, and I don't think my land is poorer."

"Farmers have learned how to take care of their land," a Buchanan county farmer said, "the big grain acreages haven't hurt it."

Some farmers are not so sure about keeping up the fertility, however. They point out that the rainfall has been above normal for several years. Unfavorable corn years, they think, might have made more farmers think their land was being hurt.

Too Much corn has made land poorer, says Dale Kellog, Hardin county, Iowa. He is expecting to increase his grass land and to use more fertilizer.

But what do farmers who think their land has been hurt by too much cropping plan to do to restore fertility?

"Cut the grain acreage," said 38 per cent. That means more pasture and hay.

"Use more fertilizer," said 16 per cent. "Raise more livestock," said 9 per cent. "Plow under green manure crops," said 8 per cent.

Just when farmers are going to start bringing their soil fertility back is not so certain. For these questions were asked in the poll:

"How many acres did you seed to legumes last spring? How many acres will you seed in 1947?" Apparently, there is no rush to get land seeded. Maybe they want to cash in one more year.

Grass Seed is sowed on about 50 acres per year by Darwin Grow, Greene county, Iowa. He doesn't think grain production in the war years made his land poorer. (The "merry-go-round" holds little jars with various sized nails. Jars screw out.)

Grass seeding will be 4 per cent higher in 1947 than it was in 1946. This is an average for all farmers interviewed. The average farmer seeded 27.8 acres to legumes in 1946. This year he intends to seed 28.9 acres.

Big farms will increase grass seeding most. Under 175 acres the increase is not quite 2 per cent. Over 175, it will be 6.4 per cent.

Only 34.3 per cent of renters expect to increase grass land. Among owners, 41.3 per cent will increase grass acres.

Renters, however, expect to use more fertilizers and more green manure crops than owners plan to use. They also favor a livestock program for keeping up soil fertility more than owners.

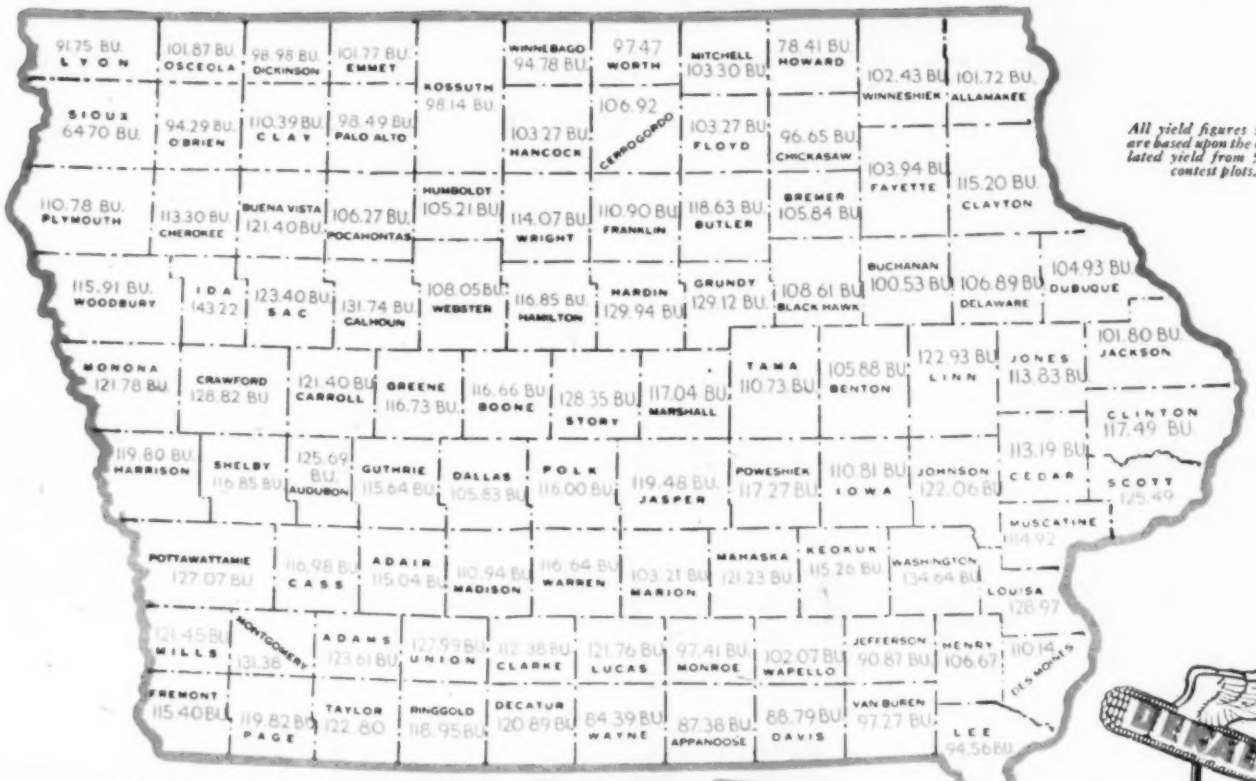
Renters who plan to use more fertilizer were 17 per cent, compared with 15 per cent of owners. More livestock was favored by 11 per cent of renters, 7 per cent of owners. More green manure was favored by 9 per cent of renters, 7 per cent of owners.

What do these answers mean to you on your farm? You will be playing safe if you follow the 36 per cent who think big grain acreages have reduced the fertility of the land.

But which method is best to restore fertility? Maybe all are good. Use fertilizers to get grass stands and stimulate grain production. The increased growth of crops will add to organic matter. More livestock and green manure crops go right along with these things.

112.29 Bushels Per Acre!

841 Iowa Farmers Make this Remarkable High Average Yield in the 1946 National DeKalb Corn Growing Contest



All yield figures shown are based upon the calculated yield from 5-acre contest plots.

The Map Shows the Average Iowa County Yields in The 1946 National DeKalb Corn Growing Contest

As in past years, DeKalb's dependability has again been demonstrated in Iowa and throughout the Nation by the high average yields produced by farmers participating in the 1946 National DeKalb Corn Growing Contest. In the Iowa contest alone, 841 farmers—all using DeKalb—averaged 112.29 bushels per acre on their 5-acre contest plots! In the entire contest, 4,413 DeKalb users entered their 5-acre plots with an average yield of 98.69 bushels. These great yield averages should be convincing proof of DeKalb's wide adaptability to many different soils and weather . . . of DeKalb's ability to yield well on your farm. And these "proof-of-performance" yield averages should help you choose your seed corn wisely for next year. See your DeKalb dealer today.

STATE WINNERS IN THE 1946 CONTEST

Name	State	Yield
Joe Vansickle	Iowa	184.03
Bland Kirk, Jr	Kentucky	181.24
Charles Kaltschnee	Illinois	158.37
Leonard Hughes	Missouri	154.58
Wm. M. Harrington	Delaware	151.09
D. W. Tarter	Indiana	149.19
Phil Hyatt	Penna	147.49
Clyde F. Hunzeker	Nebraska	141.76
George E. Clark	Maryland	137.16
Fred Harms	Wisconsin	136.72
H. E. Graves	Colorado	134.66
Wm. Forsythe	New York	133.62
Floyd H. Olson	Minnesota	133.20
Edw. J. Knedlik	Kansas	129.34
Sam King	Ohio	124.68
Maynard Dykstra	S. Dakota	123.81
Herbert Paradee	Virginia	121.56
Blenford Campbell	Michigan	118.26
Ralph W. Gholston	Oklahoma	110.06
A. W. Luick	N. Dakota	92.18
DOMINION CHAMP		
Jack Witherden	Canada	124.86

THESE IOWA FARMERS WON COUNTY CHAMPIONSHIPS IN THE DeKALB CONTEST

County	Winner	Yield	No. of County Entries
Adair	Fred Miller	126.74	6
Adams	J. R. Shocklee	129.69	4
Allamakee	Kass Bros.	115.38	10
Appanoose	Ed Bradley	95.25	3
Audubon	Leroy Musfeldt	136.98	6
Benton	Edw. E. Shanda	124.59	13
Black Hawk	E. L. Werner	138.14	10
Boone	Oliver Herschi	137.02	18
Bremer	Paul Oberhen	120.64	4
Buchanan	Albert Pech	132.38	15
Buena Vista	Wayne K. Wrede	140.01	12
Butler	Harold A. Folkerts	126.15	5
Calhoun	Stauter Bros.	151.89	4
Carroll	Leo Diers	137.38	10
Cass	Herbert J. Joyce	126.10	7
Cedar	D. C. Wordsworth	136.61	6
Cerro Gordo	Anton Larson	118.02	10
Cherokee	Geo. Misenhelder	137.74	12
Chickasaw	G. W. Wood	120.33	9
Clark	Bill McCann	122.50	7
Clay	Gross Bros.	125.39	7
Clayton	Tilpher Bilden	137.05	9
Clinton	Emil Strudeman	135.75	5
Crawford	Raymond Fredericks	144.13	11
Dallas	Anthony L. Costello	134.33	12
Davis	John Long	100.20	4
Decatur	Charles L. Bretz	136.32	11
Delaware	Carl M. Fensterman	131.69	12
DesMoines	Byron Toft	110.98	2
Dickinson	Otto M. Hansen	110.02	5
Dubuque	H. L. Benn	138.62	5
Emmet	Anton Stern	109.70	8
Fayette	Orvel Oyloe	117.58	11
Floyd	S. A. Werk	122.43	12
Franklin	Wilmer Anderson	126.79	12
Fremont	Willard Pierce	138.50	7
Greene	Ray Gumm	133.36	11
Grundy	Roy Hale	162.78	12
Guthrie	Ted Ruth	133.84	8
Hamilton	B. P. Hames	142.66	13
Hancock	Emil W. Lau	108.38	4
Hardin	C. H. Brandt & Son	153.69	19
Harrison	Earle Thompson	134.21	2
Henry	Everette Walker	148.51	8
Howard	Nels Osland	111.12	6
Humboldt	Ole Larson	118.20	5
Ida	George Ferguson	148.89	3
Iowa	F. K. Martens	114.40	4
Jackson	Ahern Brothers	110.49	5
Jasper	E. O. Ingram	131.21	7
Jefferson	Paul Prince	105.15	11
Johnson	Charley L. Bartlett	145.82	4
Jones	Edmund Wilken	126.83	4
Keokuk	Wm. Luers & Sons	141.40	4
Kossuth	Stensel Bros.	116.64	13
Lee	John Schunstock	110.84	7
Linn	Louis Petrak	139.80	7
Louisa	R. H. Schmidt	154.82	6
Lucas	Burdette Werss	139.26	5
Lyon	William Winkel	108.81	9
Madison	C. L. Stanley	146.92	6
Mahaska	Gary Heyveld	135.06	8
Marion	Gerrit Van Ee	131.55	13
Marshall	Ivan Waterman	143.18	12
Mills	Floyd Parker	140.35	11
Mitchell	Martin Bros.	103.51	2
Monona	Adrin Schagen	138.29	8
Monroe	Ivan Sheiquist	112.23	4
Montgomery	Glendon Morgan	148.64	19
Muscatine	Gustav A. Hering	128.46	6
O'Brien	A. Bousema	120.80	11
Osceola	Oscar Wilson	106.66	5
Page	Paul Sleeve	135.78	8
Palo Alto	Harold Elbert	107.79	8
Plymouth	J. G. Kluver	138.13	10
Pocahontas	Ernest E. Blomberg	133.62	15
Polk	John Guthrie	134.11	9
Pottawattamie	Henry Lowe	138.28	11
Poweshiek	Carl Toklen	140.36	5
Ringgold	Lester Monday	134.36	14
Sac	Paul Youngren	156.39	17
Scott	John Kluever	132.42	3
Shelby	Geo. Knudsen	130.67	7
Sioux	H. L. VanWyk	66.17	3
Story	Joe Vansickle	184.03	11
Tama	Noble Houston	117.12	6
Taylor	Lyle Nelson	151.80	4
Union	Fred Hood & Son	138.85	8
Van Buren	M. C. and Walter Meyer	128.67	6
Wapello	Ed. Emery	105.50	3
Warren	E. J. Lynch	130.10	16
Washington	Don Radda	154.91	7
Wayne	J. C. Main	103.13	4
Webster	Thomas Hahn	123.17	13
Winnebago	Olsen Bros.	97.51	14
Winneshiek	Eark Ramlo	121.99	6
Woodbury	Leon J. Strawn	140.07	17
Worth	Ray Field	130.98	9
Wright	Oscar A. Holmes	135.02	20

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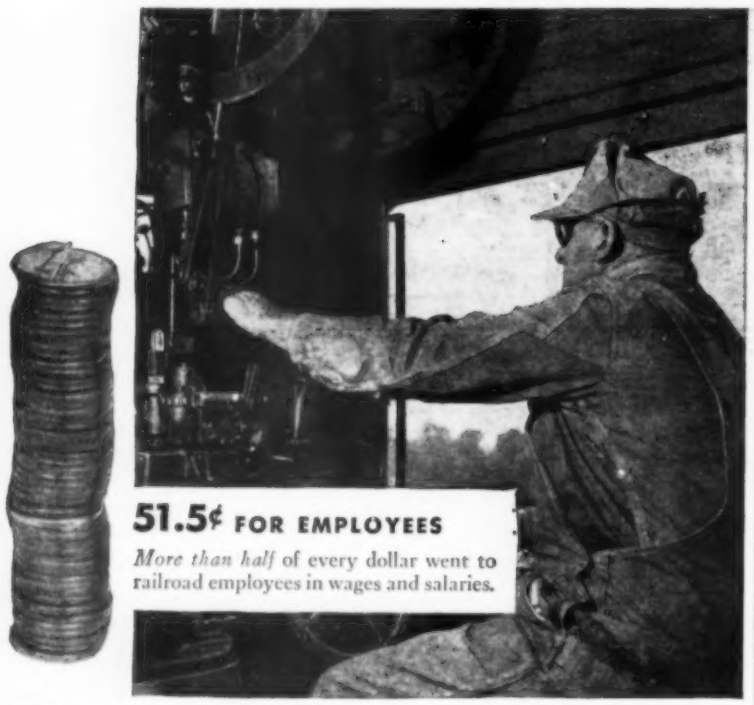
DEKALB *A Great Yielding Corn*

WHO gets HOW MUCH of the RAILROAD DOLLAR?

(A REPORT TO THE PEOPLE FOR 1946)

You, and all Americans, look to the railroads not only to take you places, but also to bring you things—food, clothing, fuel, and just about everything else for your home and your business. For this dependable service to 140 million people, and for hauling the heaviest peacetime traffic on record, the railroads received about 8 billion dollars in 1946. Let's see what became of this money.



51.5¢ FOR EMPLOYEES

More than half of every dollar went to railroad employees in wages and salaries.

33¢ FOR MATERIALS

Much of this 33¢ spent for materials, fuel, and other supplies was, in turn, paid by the railroad suppliers to *their* employees. So, directly or indirectly, by far the largest part of the railroad dollar goes to pay wages.

6.2¢ FOR TAXES

This part of the railroad dollar went to Federal, state, and local governments to be used—the same as your own taxes—to help maintain schools, courts, roads, police and fire protection, and for various other public services and institutions. None of this tax money is spent on railroad tracks or terminals.

6.6¢ FOR INSURANCE POLICYHOLDERS, INVESTORS IN BONDS, AND FOR RENTS

Most of this 6.6¢ was paid out in the form of interest to those people who lend money to the railroads—including those millions of thrifty Americans who invest indirectly in the railroads through their insurance policies and savings accounts. The average rate of interest which railroads pay on their bonds and other obligations is less than 4 per cent.

2.7¢ FOR IMPROVEMENTS AND OWNERS

And so after paying for wages, materials, taxes and necessary charges upon their obligations, railroads in 1946 had only 2.7¢ left out of each dollar they took in. Out of this they must pay for the improvements to keep railroad property abreast of public needs, before anything is available for dividends to their owners.

ASSOCIATION OF **AMERICAN RAILROADS** WASHINGTON 6, D. C.

IN PARTNERSHIP WITH ALL AMERICA

What's Ahead For Farm Folks?

That's National Farm Institute Subject; Program To Be Broadcast February 14-15

DO YOU wonder what the "Road Ahead for Agriculture" will be like? Then you should hear the speakers at the National Farm Institute. That's the subject at the ninth institute to be held at Des Moines, Iowa, February 14 and 15.

The National Farm Institute will bring to Des Moines college men, big industrialists, labor leaders, farm organization men and key government officials.

Schultz, former Iowa State College man, will make the first speech at the National Farm Institute, February 14-15.

These men will present their points of view in the forenoons. In the afternoons, there will be forums where you can ask questions or present your own point of view.

There are two ways you can hear this program. You can come to Des Moines, February 14 and 15. Or you can set aside these two days to sit by your radio and hear the discussions.

Farm and Home Week will not be held at Iowa State College this year. In its place Radio Station WOI will broadcast the National Farm Institute program.

Other radio stations also will carry some of the speeches. The National Farm Institute has been recognized enough so that some of the broadcasting chains plan to have their representatives at Des Moines to pick up some of the program.

Farm and trade policy issues will be outlined first by Dr. T. W. Schultz, of the University of Chicago. Schultz is a former Iowa State College professor of agricultural economics.

A business man in a line closely related to agriculture will speak at noon on the first day. Fowler McCormick, of the International Harvester Company, will present industry's view of the road ahead.

O. B. Jesness, of the University of Minnesota, will conduct a forum in the afternoon of the first day on "Adjustments Necessary in Agriculture to Meet National and International Needs."

Then a man in authority will be heard. Congressman Clifford Hope of Kansas, Republican chairman of the agriculture committee of the house of representatives, will address the visitors and listeners.

A sectional point of view will be presented by Sam Houston Jones, former governor of Louisiana. He will talk about crop diversification in the south.

On the second day, the National Farm Institute program will branch out, and representatives of other nations and other groups will be heard. H. H. Hannam, a Canadian farm organization man, will discuss "The Farmer's Stake in International Stability."

"Does Labor Have a Common Ground With Agriculture?" That's what Clinton Golden will talk about. He is from the United Steel Workers.

H. E. Babcock, a big co-op man from New York, will talk about "The Ever-Normal Refrigerator." In appearances at Farm Bureau meetings, Babcock has advocated big cooperatives as the answer to the farm problem.

Lots of farmers believe that money management had a lot to do with the farm depression after the last World War. Particularly, the Federal Reserve Board was blamed. Institute visitors and listeners will hear from the Federal Reserve Board chairman on Saturday evening. He is Marriner Eccles.

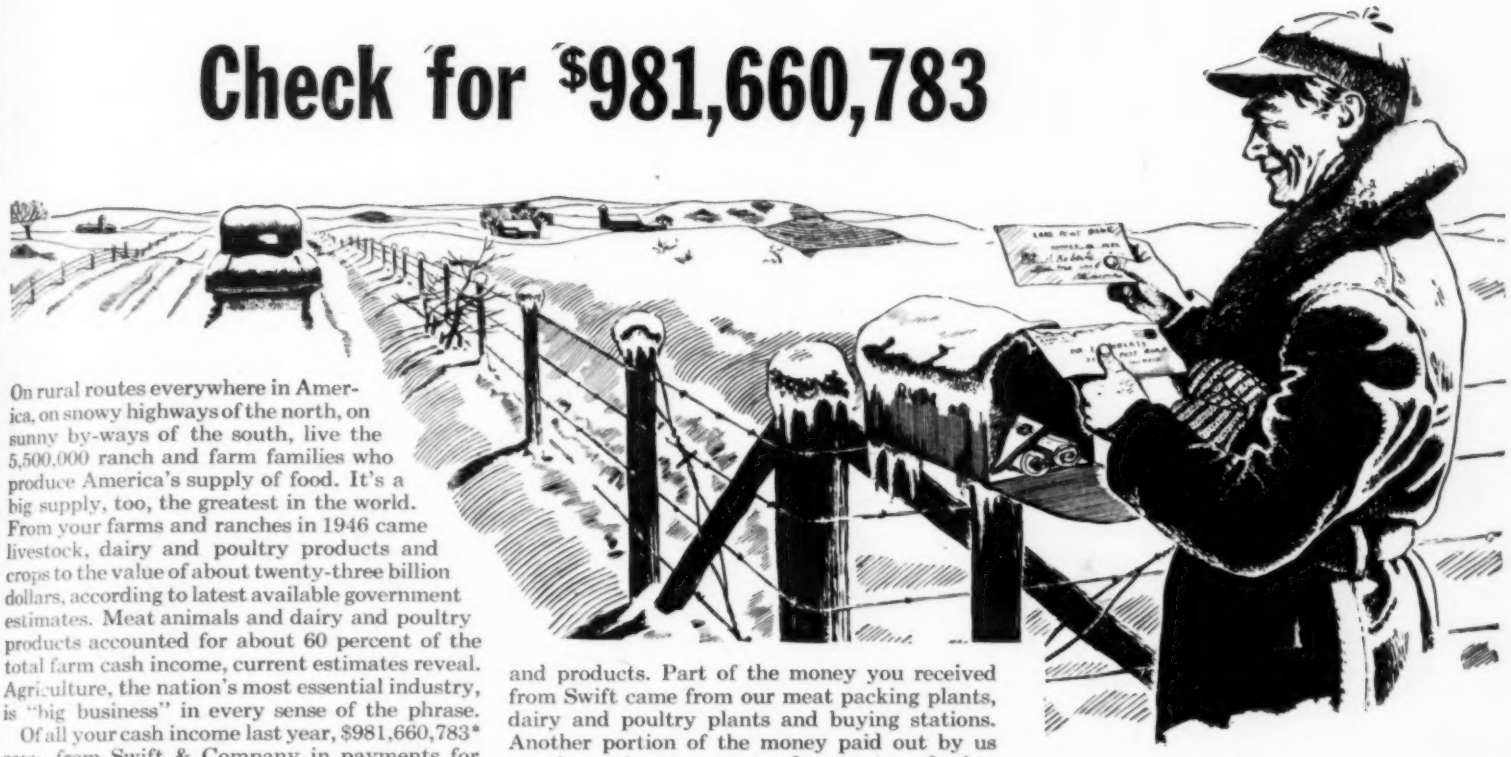
Eccles will talk on "Organizing the World's Agriculture for Prosperity and Plenty."

Other important men who will be on the program or take part in the forums include Sherman Johnson, of the Bureau of Agricultural Economics; Jim Patton, of the National Farmers Union, and representatives of the United Nations and the Atomic Energy Commission.

Money policy will be discussed at the National Farm Institute by Marriner Eccles, who heads the Federal Reserve Bank.

The Farm Institute has no fee or admission charge. No resolutions are considered. The institute is sponsored by the agricultural committee of the Des Moines Chamber of Commerce, the farm press, farm organizations and agricultural colleges.

Check for $981,660,783



On rural routes everywhere in America, on snowy highways of the north, on sunny by-ways of the south, live the 5,500,000 ranch and farm families who produce America's supply of food. It's a big supply, too, the greatest in the world. From your farms and ranches in 1946 came livestock, dairy and poultry products and crops to the value of about twenty-three billion dollars, according to latest available government estimates. Meat animals and dairy and poultry products accounted for about 60 percent of the total farm cash income, current estimates reveal. Agriculture, the nation's most essential industry, is "big business" in every sense of the phrase.

Of all your cash income last year, $981,660,783* came from Swift & Company in payments for livestock and other agricultural raw materials. We purchased your livestock and other products and converted them into millions of pounds of quality meats, valuable by-products, other foods and products. Part of the money you received from Swift came from our meat packing plants, dairy and poultry plants and buying stations. Another portion of the money paid out by us was for soybeans, cottonseed, peanuts and other raw materials.

Swift provides a wide, ready, year 'round market for your livestock and other products—and out of every dollar we receive in a year from sales, we return, on the average, 75¢ to you. Last year, 1.3¢ out of each dollar of sales was profit. Part of this amount was paid out as dividends to the 63,365 shareholders as a return on their investment. Part was retained in the business for future needs.

The actual amount paid for livestock and other agricultural products is greater than shown by the amount of the subsidies paid by the Government.

Returns for Savings. It is not the investment of a few rich people that has built Swift & Company, but the pooled savings of 63,365 people. Among them you'll find farmers, ranchers, lawyers, doctors, mechanics, business people—folks from every walk of life . . . including 29,941 women.

The savings these shareholders have invested in Swift & Company provide the plants and facilities—the tools with which we handle your products. The return for their thriftiness comes to them as dividends paid out of the company's profit. In 1946 that dividend amounted to $1.90 a share.

Soda Bill Sez: . . . *what's wrong with people is not their ignorance, but the number of things they know that aren't so.*

For People . . . By People

We at Swift & Company think of our business as being owned by 63,365 people, the shareholders and their families, and operated by 66,000 employes. We provide essential services for agricultural producers and many other large groups of people. Employment is created for other thousands who work for railroads, trucking firms, livestock commission houses, stockyards companies, and the suppliers who furnish us salt, sugar, boxes, barrels, machinery and a thousand-and-one other things. A part of the business of thousands upon thousands of retailers everywhere in the nation is in purveying Swift's quality meats and other products to millions of American families.

In return for all the effort that made these services possible, the folks who work for Swift earned $164,013,099 in wages and salaries in 1946. This sum is 88% of the total remaining after all bills except taxes were paid, and is *ten times more* than the company's total net profit.

Wm. A. Albrecht

FEED VALUES ARE SOIL VALUES

by Wm. A. Albrecht
University of Missouri

Recently a farmer friend of mine told me, "I've moved to another farm where I get bigger yields in all my feed crops. But even though I shovel much more corn and pitch a lot more hay, I can't get my calves to market as early. I'm just not growing as much meat per acre."

This man doesn't realize that feed bulk is no indication of feed value. Livestock will not gain more on larger rations unless the feed value of any crop is derived from the basic plant food elements found in the soil. The crop must first build up the woody structure that makes up its bulk. Then, if soil conditions are right, the plant will store up a supply of the raw materials of protein, vitamins, and mineral compounds. Thus, whether a crop offers anything more than bulk and fattening power depends on the condition of the soil on which it grew. *Livestock may be fed great quantities of feedstuffs produced on poor soils and still fail to gain weight.* It is soil that has been guarded against erosion, fertilized properly, and carefully managed, that grows nutritious crops. Such soil will produce crops that give better feeding results and make more meat per acre.

Swift & Company
UNION STOCK YARDS, CHICAGO 9, ILLINOIS

Nutrition is our business — and yours

"WHERE DID THAT $1,308,364,155 GO?"

During 1946 Swift & Company received $1,308,364,155 from the sale of its products and by-products. By the end of the year the Company had earned a net profit of $16,394,739, which is slightly less than 1.3¢ on each dollar of sales.

What happened to the rest of that money?

Well, the largest part was paid to farmers and ranchers who sold us livestock and other agricultural products. They got $981,660,783* or 75¢ out of the average sales dollar we received for products sold, including all by-products such as hides, wool, soybean meal, etc.

The next largest portion of our sales dollar went to all Swift employes. Their share of the dollar was 12.6¢.

Fuel, barrels, boxes, paper, salt, sugar and other supplies took 4.8¢ out of the average dollar.

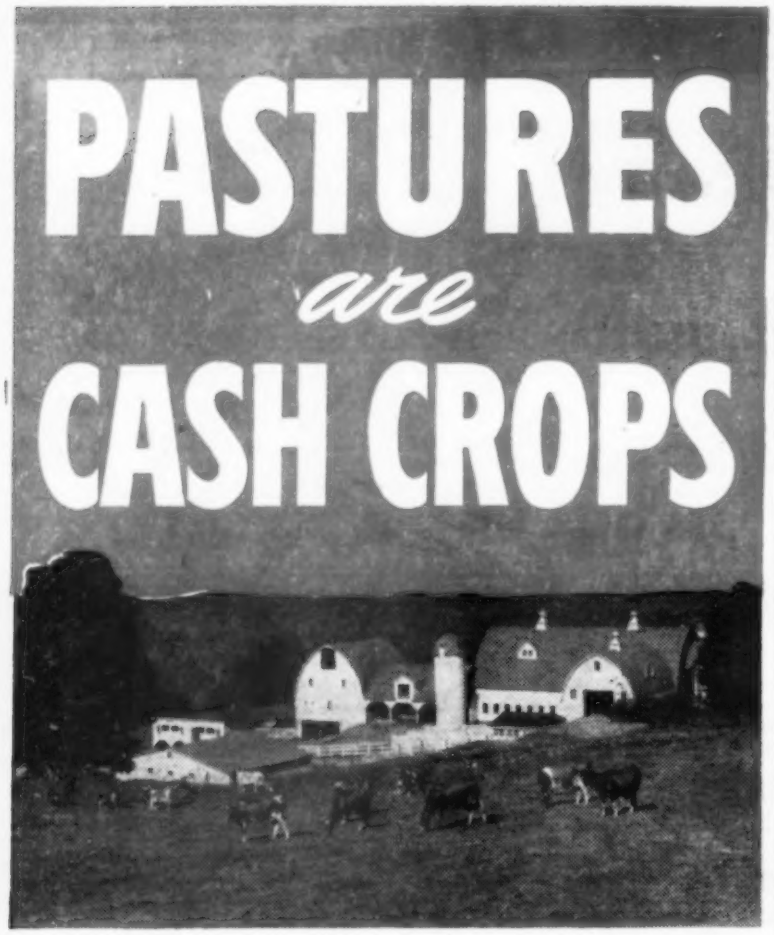
Transportation took 2¢. (Meat travels, on the average, over 1,000 miles from producer to consumer.)

Taxes took another 1¢. All other expenses, including depreciation, interest and miscellaneous business costs, amounted to 3.3¢.

All these costs taken out of the sales dollar left 1.3¢. This was Swift & Company's net profit in 1946 — a profit of only ¼ of 1¢ on each pound of the millions of pounds of products and by-products handled.

Wm. B. Traynor, *Vice President & Treasurer*

PASTURES *are* CASH CROPS



PASTURES can be made the most profitable land on the livestock farm. Well-managed and properly-fertilized pastures often yield four to five times as much succulent, green, nutritious forage as the same land would yield without fertilizer and good management.

Early and liberal application of pasture fertilizer helps grasses and legumes to make quick, vigorous growth, rich in proteins, minerals, vitamins and other nutrients. Grazing this high-quality, appetizing, green forage, dairy cows increase milk production and meat animals rapidly put on valuable weight.

The abundant use of fertilizer on pastures not only yields more and better grazing, it also furnishes many extra grazing days —spring, summer and fall. By producing extra yields of low-cost, high-quality green feed which animals can harvest, pasture fertilizer saves labor and greatly reduces expensive barn feeding. And the good ground cover of grasses and legumes protects the soil from erosion.

It will pay you to start now to make your pastures pay you more. Consult your County Agent, Vocational Teacher, Experiment Station or Extension Service, to obtain information on the best methods of pasture improvement and fertilization on your particular farm.

Virginia-Carolina Chemical Corporation has been a leader in the manufacture of better pasture fertilizers, for many years. There is a V-C Fertilizer for every crop on every soil on every farm. Ask your V-C Agent!

Make the GOOD EARTH *Better!*

Virginia-Carolina Chemical Corporation

East St. Louis, Illinois

Workday Pointers

Helpful Suggestions For Farmers

LIVESTOCK on wet fields do the same damage to the soil that plowing or cultivating wet land does.

▲ ▲ ▲

LOOSE BEARINGS, worn gears, cracked castings, missing bolts or loose nuts are things to look for when checking over the farm machinery.

▲ ▲ ▲

GRASS SEED is more plentiful than last year. Demand may have gone up as much as supply. It is expected that farmers will seed more land this spring than they seeded during the war years.

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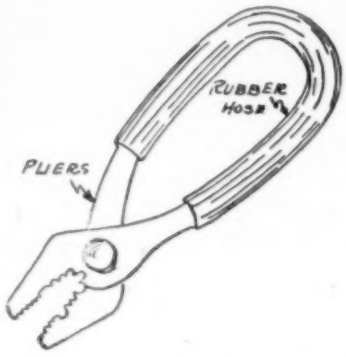
ONE-HAND OPERATION of pliers is easier if a piece of rubber hose is slipped over the handles as shown in the illustration. The spring in the rubber will tend to



keep the pliers open. There should also be fewer blisters on the hands. For working around electricity, there should be some insulating effect.

▲ ▲ ▲

A LIGHT BULB placed under the hood of your motor will make it start easier in cold weather, says Otto J. Bisinger, of Jackson county, Iowa. Better give it a couple of hours to warm the motor if the weather is very cold.

▲ ▲ ▲

FEEDING 200-POUND hogs up to 300 pounds won't probably lose any money for you unless the price drops more than $2.50 per 100 pounds. This assumes ordinary feeding efficiency and present feed prices.

▲ ▲ ▲

LEGUME SEED from Europe or South America is not recommended for the corn belt. You can detect this imported seed because 1 per cent will be colored green, by government order. Seed that the USDA declares is wholly unadapted to use in this country is colored 10 per cent red. Canadian seed is colored 1 per cent violet. This seed often gives good results in the corn belt.

▲ ▲ ▲

WATER IN THE OIL of your tractor or car motor can usually be removed in this way: First get the motor hot. Then open the oil drain plug and hold it so about a pint or more of oil is drained out. Then replace the plug. The water and sludge should be removed by this operation. But this won't remedy the cause of the water getting in the oil. If the cause is something other than condensation, it should be removed at once.

GASOLINE is the best tractor fuel for winter, or for jobs in which the motor does not always have a full load.

▲ ▲ ▲

THE MUDDY SEASON is near at hand. If you have an extra yard, keep the cattle and hogs out of it until the spring thaw. Pile all the straw and old hay in it you can find. This won't take the place of a cemented yard, but feed will be saved and gains increased.

▲ ▲ ▲

ON SLIPPERY ROADS, sudden, hard application of brakes will put the car into a skid. The proper method of stopping the car on a slippery road is to use a series of light pumping motions on the brake pedal, says R. A. Moyer, of the civil engineering department at Iowa State College.

▲ ▲ ▲

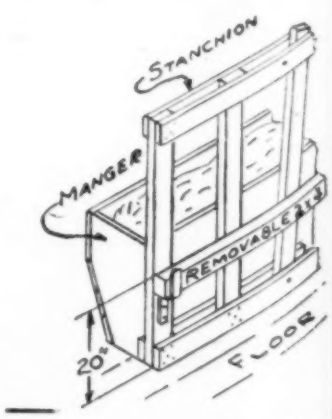
UNLOADING the manure spreader is much easier if the front end is loaded first. The cylinder is then kicking the chunks off the top. If the back end is loaded first, the cylinder must pull the manure out from underneath. This is particularly important where the manure has lots of straw or hay in it.

▲ ▲ ▲

SAVE TIME and perhaps a trip to town by keeping a full assortment of bolts and rivets in the farm shop. A 100-bolt assortment will provide for almost any emergency. Square-headed bolts are more adaptable to all purposes than round-headed bolts.

▲ ▲ ▲

COWS ON THEIR FEET don't get dirty. You can keep the cows in stanchions from lying down before they are milked by placing a 2x4 as shown in the illustration. The 2x4 should be about 20 inches



above the ground. It should be supported by strap irons so it can be removed when desired. This is particularly handy in summer. And some farmers like to keep the cows on their feet in winter until they are milked.

▲ ▲ ▲

LACK OF NITROGEN is the bottle-neck that limits corn yields in most cases. But lack of phosphorus and potash may be the bottle-necks that limit the growth of clovers and alfalfa. And, as the clovers and alfalfa produce nitrogen in the soil for the corn crop, it is hard to say which of these three plant foods is most essential for corn crops. Used properly, they all help.

IH and the IH dealer will do their level best for you in 1947!

ONLY one thing is *new* in that headline. International Harvester and the IH dealers have been doing their *level best* for generations in the interest of American agriculture.

So what's new in it? Well—there's that figure *1947*. A brand-new season is coming up, and we believe that things are going to be a lot different.

McCormick—One of the great American brand names—leader in farm progress for 116 years.

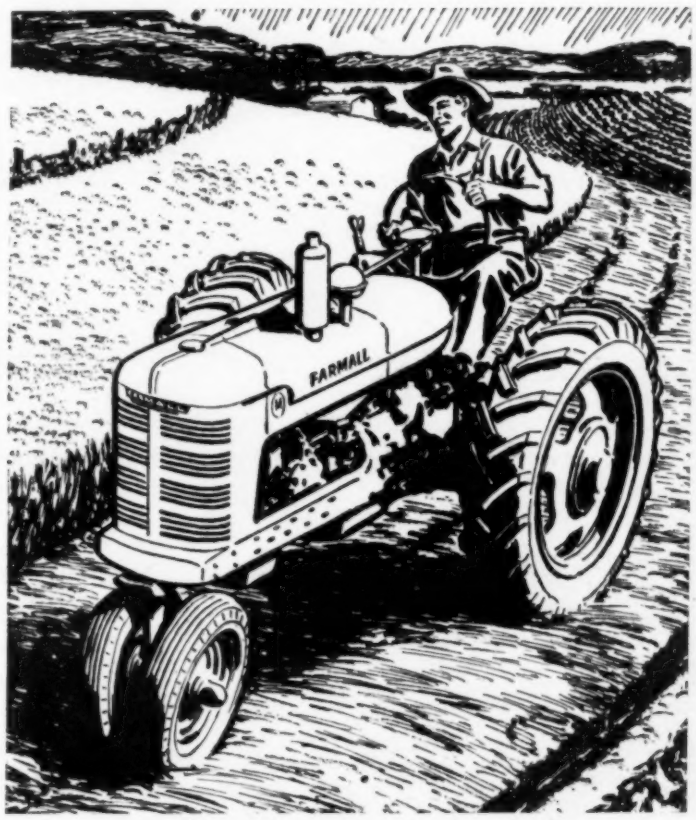
In recent years, "level best" hasn't been good enough.... In every community in the land the farmers have been repairing and mending old equipment, and getting by—waiting in line at every dealer's door with patience and tempers wearing mighty thin.... Right this minute a thousand farmers are asking "When's *my* tractor coming, and those new machines that were promised me months ago?" It has been hard to take—for farmer and dealer and manufacturer alike.

Every farm operator knows that the Harvester Company has perfected many new products, competently engineered and tested, fully qualified to take to the fields.... Our problem now is to turn them out in quantity production for our millions of customers, from long established plants and from many new factories. Our hope for this new year is to keep assembly lines running without interruption until every man's need is satisfied.

For *winter service work*, and for the *latest news* about new equipment—see your International Harvester Dealer.

INTERNATIONAL HARVESTER COMPANY
180 North Michigan Avenue Chicago 1, Illinois

Tune in James Melton on "Harvest of Stars" every Sunday! NBC Network. See newspaper for time and station.



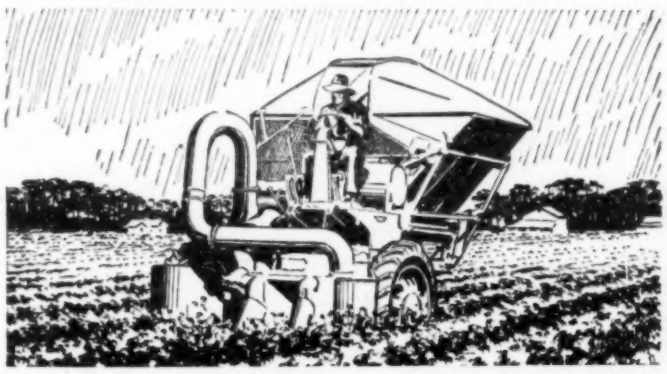
Fight Soil Erosion! **Soil conservation is every farmer's obligation in 1947. Farmall Tractors and Farmall Equipment are designed for farming *on the contour.***

* * *

Remember that "FARMALL" is a *registered trademark*—Farmall Tractors are made *only* by the International Harvester Company.

* * *

Below: International Cotton Picker. New plant, under construction at Memphis, will build this machine in limited numbers this year.



Below: McCormick-Deering 123-SP Self-Propelled Combine. Other coming International developments: smaller combines; 2-bottom, 2-way plow; sugar beet harvester; tractor touch-control; whirlwind terracers; milk coolers, home freezers and refrigerators.

Below: McCormick-Deering One-Man Pickup Twine Baler. Production of this most popular baler won't keep up with demand this season. Many other new hay machines are in various stages of development by International Harvester engineers.

Below: The New International No. 24 2-row Tractor-Mounted Corn Picker. Coming International machines include new 1-row corn pickers and cut-off corn pickers. Spreader for fluid manure, and tractor-operated power loader, now available.

INTERNATIONAL HARVESTER

INTERNATIONAL HARVESTER

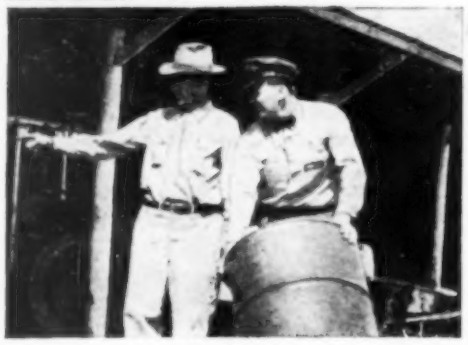
Power Farming Equipment

FARM NEWS

QUESTION: *Can you save money by ordering farm lubricants now?*

"Yes," says Geo. W. Noe, R.R. 10, N. Kansas City, Mo. "I make a nice cash saving each year simply by ordering my next season's supply of Sinclair motor oils, greases and insecticides in the winter for spring delivery."

"By taking advantage of Sinclair's special deal on spring delivery, I get a generous discount and also protection against any price increase."



"What's more, I set the delivery date and don't pay a dime until delivery. I don't know an easier, smarter way to save money than to order from the local Sinclair Agent now."

YOUR SINCLAIR AGENT DELIVERS DIRECT TO FARMS —
Phone or write him now about his special Spring Delivery Deal!

SINCLAIR FARM OILS

SINCLAIR REFINING COMPANY • 630 FIFTH AVENUE • NEW YORK 20, N. Y.

You May as Well Grow the Best

This Tag is your assurance of Officially Inspected Quality!

The Seed You Plant Is Important!

Minnesota Certified Seed Potatoes are pure as to variety, and have the vigor necessary for the production of bigger yields and a better quality product.

YOU CAN'T DO BETTER

It would be difficult to find cleaner, healthier, more prolific seed potatoes than those certified by the State of Minnesota. They are grown in cooperation with and under the exacting requirements of this department, therefore reliable.

See Your Local Dealer

FREE—Write for a complete list of certified seed producers.

State of Minnesota
Department of Agriculture
Seed Potato Certification Dept. D
University Farm, St. Paul, Minn.

U. S. SAVINGS BONDS BOUGHT NOW MEAN SECURITY LATER

Washington Wire

Price Problems Laid Before Congress

Spend Billions or Control Production?
Anderson Wants Republicans to Decide

WASHINGTON, D. C. —The buck-passing on farm price supports has started.

Secretary of Agriculture Anderson wants congress to tell him how to run the price support program. Congress probably will tell the secretary that it's his own problem.

The trouble is this: If farm prices are supported at 90 per cent of parity, with no limit on production, the program could cost a lot of money before the end of 1948.

Anderson is afraid it might cost as much as two billion dollars to keep up prices of such things as potatoes, eggs, wool, cotton, fruits, vegetables, flaxseed and peanuts in the next two years.

The secretary doesn't want to take the responsibility for spending that much cash. Neither does he want to restrict production and be blamed for running a "scarcity" program.

But the new Republican congress doesn't want to stick its neck out, either. Something has to be done about price supports, but congress and Anderson each wants the other to do it.

Anderson argues that the purpose of congress in passing the Steagall amendment was to help farmers convert from high wartime production to a lower peacetime level.

Instead of doing that, he says, the support program will encourage too much production of some commodities and not enough of others. Since congress thought up the program in the first place, Anderson thinks it's up to congressmen to figure out how to make it work now.

So he's asking congress to make changes which would prevent the "waste of food, soil and money."

He has told the house agriculture committee that the changes should have the "mutual consent" of farmers and the government. But he has made no specific proposals for the changes, leaving that strictly up to congress.

The chances are congress will toss the problem back to Anderson with the suggestion that he present specific proposals. That is just what the secretary doesn't want to do.

Following last fall's flood of potatoes, Anderson announced an acreage control program for the 1947 potato crop. But he is not sure that he has the authority to restrict production of other commodities. If restriction is necessary, he wants congress to take the responsibility.

Dairy products pose another problem for Anderson. He has told the house committee that 90 per cent of parity will not bring dairy production into balance with competing products.

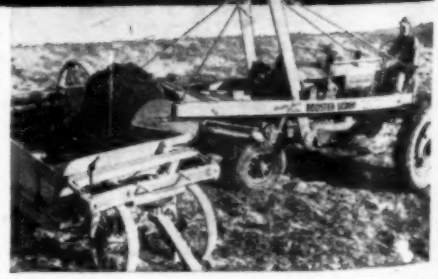
So, he asks: "Should the price support program be used as an incentive to encourage production, even if it meant supporting dairy prices at 100 per cent or more than 100 per cent of parity?"

Friends of the secretary say he secretly prefers the so-called compensatory payment plan. Supporters of this plan predict that it will be the ultimate solution to the farm problem.

A compensatory payment program would do away with supports in the market place. Prices would be allowed to drop to whatever level the law of supply and demand took them.

Then the farmer would get payments from the government to

BOOSTER-SCOOP
THE GREATEST OF ALL LOADERS



Only Booster Scoop has the patented Booster *Push-Off* device which allows you to push off as little or as much of the load as you wish at any desired height. Push-off prevents wagon or spreader damage because scoop doesn't drop heavy loads or swing against sides. Positive, speedy mechanical action. Not affected by heat or cold. Fits all standard row-crop tractors, also Ford-Ferguson. Proven by years of successful customer experience. Send coupon today for full information.

Booster Scoop and its twin, Booster Buck (for haying: it bucks, it loads, it stacks) work from the same power unit. Bought together, they are an unusual bargain.

BOOSTER BUCK MFG. CO.
Dunlap, Iowa

Please send me full information about Booster Scoop and Booster Buck:

Name..... R.F.D.....

Town..... State.....

My Dealer's Name.....

Secretary Anderson is worried over price supports. So he's passed buck to congress.

make up the difference between the market price and 90 per cent of parity, or whatever other figure was used as a fair return.

Folks who favor this plan say it would get more food eaten because prices would be within reach of all. They say it would give farmers a better deal because the present system tends to restrict food buying of low-income groups.

What about cost? It is argued that the compensatory payment plan would cost no more than the present one. And there would be less waste and fewer surpluses.

But big farm organizations don't want subsidies. They insist farmers should get their fair return at the market place.

And some leaders, like Chairman Hope of the house agriculture committee, think more efficient marketing systems would let farmers sell all they can grow without government payments.

The Food and Agriculture Organization of the United Nations is still trying to find a plan to handle farm surplus problems on a world basis.

In its final report, an international conference called by FAO says nations which import and export each principal product should get together on a program like the following:

Products moving into regular commercial markets would be supported at agreed minimum prices.

While importing nations agreed to pay such prices, exporting countries would agree to keep reserves big enough to protect the importers against famine.

Any country having more of any product than was needed either for regular markets or for the famine reserve could sell the excess to needy areas at cut-rate prices.

UN members will be asked to vote on this plan.

The AAA group in the agriculture department has lost its fight on egg price supports. This group wanted a program which would give each individual producer a 90 per cent of parity price.

Instead, the 1947 egg program will be the same as in 1946. Prices will be supported so that the national average farm price will be 90 per cent of parity. This means that producers near markets might get more, others might get less.

In the midwest, support price for eggs will be 33 cents a dozen from February 1 to May 1.

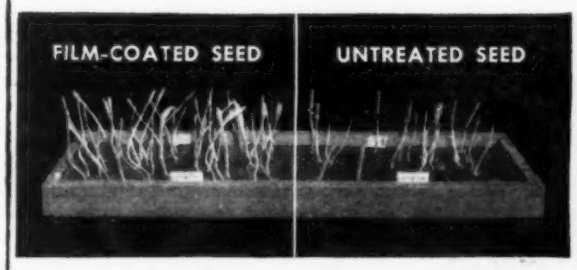
Government poultry experts said the AAA plan would increase surpluses.

CROW'S

Announces

FILM-COATED* SEED CORN

A New Discovery that Insures Seed Protection in Cold, Wet Soil



After 10-Day Cold Test

FILM-COATED SEED 98% UNTREATED SEED 44%

Note the great difference in germination of seed corn planted on each side of each tray. All seed was taken from the same bag—soil was from a field where corn had grown three years. Trays were cold tested at 47° in 10- and 17-day tests. On the 3rd day in normal temperature germination results were as given above.

After 17-Day Cold Test

FILM-COATED SEED 96% UNTREATED SEED 36%

Increased Stands—More Uniform Growth

Many tests like these were made in CROW'S laboratory, and in every test Film-Coated Seed germinated a much higher percentage.

This is a sensational, new discovery for hybrid corn. Until now, seed was "dusted" with fungicides, to help protect the seed for germination. CROW'S introduces a radical improvement! Instead of "dusting," the seed corn is "Film-Coated" with a special mixture that completely covers the kernel—and adheres *tightly* through all the processes of bagging, handling in shipment and dropping through planter plates. The entire treatment goes into the ground with the kernel. It gives definite protection against pythium and other organisms that destroy seed in cold, wet soil.

With this new treatment you can be surer of better germination—increased stands—more vigorous plants—more uniform growth. CROW'S Method of Film-Coating gives seed corn many times the protection that you have with ordinary dusting.

Film-Coated Seed Corn is exclusive with CROW'S Hybrids, and is supplied without extra cost to you

Only a limited quantity of Film-Coated Seed Corn is still available for 1947 planting. See CROW'S Dealer in your community. Mail the Coupon or a Postal at once for full details.

CROW'S HYBRID CORN CO.
MILFORD, ILLINOIS

* PATENTS PENDING

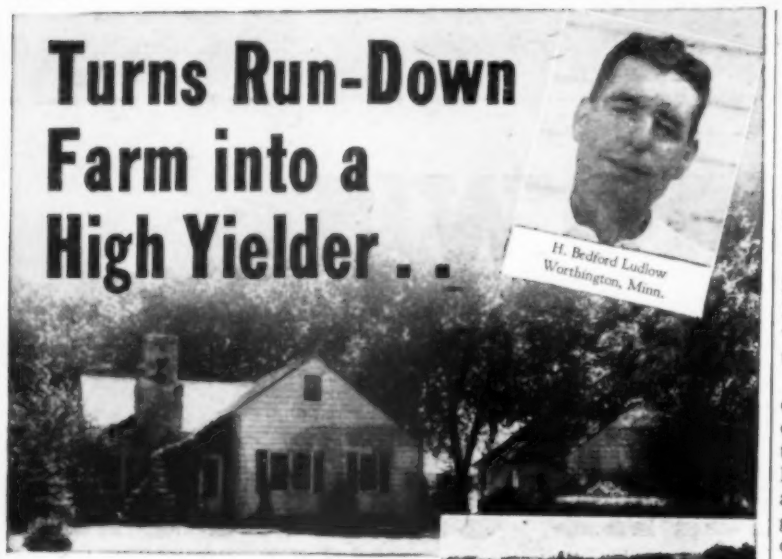
Crow's Hybrid Corn Co., Milford, Illinois Dept. W.F.
Please send full information about CROW'S Film-Coated Seed Corn.

Name.....

Address.....

R. F. D.....State.....

Turns Run-Down Farm into a High Yielder . .



. . with GOOD FENCES

Poultry and Livestock

"Years of over-cropping had drained the fertility right out of this 300-acre farm. When I bought it 12 years ago, corn made only 40 bushels per acre, the fences were poor, buildings were run down and the farm income was low.

"Today, corn averages 70 bushels per acre — oats, 60 bushels. Out of profits I have been able to build a new farm home and other buildings.

"Here's how it was done: First, new fences were built. Then clover was added to the rotation and heavily pastured with turkeys and livestock. This put fertility back into the ground. For example, one field of corn made 100 bushels per acre last year after pasturing turkeys on it the year before. All this would be impossible without good fences."

"RED BRAND *Gives Long Service*"

"I have 1000 rods of woven wire fence on the farm, and most of it is RED BRAND. Some of it is now eight years old and, of course, in perfect condition. RED BRAND fence is sure built for long service."

KEYSTONE STEEL & WIRE CO.
Peoria 7, Illinois

RED BRAND Fence
RED TOP STEEL POSTS

Corn Sealing Under Way

Corn sealed for federal loans in Iowa up to January 1, 1947, totaled 2,441,358 bushels. Farmers in 81 of 99 counties had sealed corn.

Heaviest sealing is in central Iowa. Greene county leads with 202,717 bushels. Monona, Marshall, Madison, Pocahontas and Pottawattamie each had sealed more than 100,000 bushels by January 1.

The nearly 2,500,000 bushels of corn sealed by January 1 is 53 per cent more than was sealed during the entire loan program last year. But it is only one-fourth as much as was sealed in the 1937-38 program, when over 10,000,000 bushels were sealed by January 1.

High moisture content was given by PMA Chairman A. J. Loveland as the reason for no sealing in 18 counties mostly in extreme northern Iowa. Officials expect no corn will be sealed in those counties if moisture content gets down to 20.5 per cent, the maximum percentage accepted for loans.

Sealing price this year varies from $1.06 in northwestern Iowa counties up to $1.12 in eastern and southeastern counties.

What Are Volts And Amperes?

The terms "voltage" and "amperes" may become as common on many Iowa farms as corn and cattle. And it's important that they do, say Iowa State College farm engineers.

You need to understand these terms if you want the right kind of wiring job on your farm.

Voltage is a unit of measure of the pressure which forces electric current thru a wire. If voltage is low, appliances and motors will not get enough juice.

The ampere is a unit of measure of the amount of current flowing thru a wire. All wires must be big enough to carry the amount of energy needed by electrical appliances.

If wires are too small, voltage will be reduced just as water pressure is reduced thru a section of pipe if it is too small. Lights will not have full brilliance, electric motors will not develop full power, and heating equipment will heat slowly and not reach desired temperature.

Lamb Feeding Lowest In Seven Years

Number of lambs on feed January 1 was sharply lower as compared with former years. The 6,029,000 head on feed this year was 12 per cent below one year ago, 13 per cent below two years, and 11 per cent below the 1941-45 average.

All of the decrease from last year is in feed-lot lambs. The number on wheat pastures in the southern great plains was the largest on record.

In the corn belt, the decrease in lamb feeding this past year was 7 per cent under the year previous. Excluding Kansas, where many lambs were on wheat pastures, the corn belt total of lambs on feed was down 14 per cent.

Increases in lamb feeding were shown in Iowa, Wisconsin, Missouri and Kansas. Other corn belt states showed decreases in lamb feeding.

Behlen Hand-Hydraulic WAGON DUMPER

Here's a handy dumper! Takes only 90 seconds to dump heaviest loads. A boy can do it, like jacking up your car.

Dump anything — *anywhere!* Wagon box raises plenty high (see photo). Wheels stay on ground. No need to unhitch horses or tractor.

Behlen Hydraulic Wagon Dumper fits most all wagons. Reasonably priced. Thousands in use. Full particulars in FREE illustrated folder. Fill out coupon now!

Behlen Mfg. Co., Columbus, Nebraska

DON'T WAIT! MAIL TODAY!

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MANUFACTURING CO.
COLUMBUS, NEBR., DEPT. 2

Gentlemen:
Please send me FREE illustrated folder on Behlen Wagon Dumper, and name of conveniently located Behlen dealer.

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Route_____
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PROFITS!

Mineral Deficiency May Be Robbing You!

Even high-cost feeds can't always protect your stock from Mineral Deficiency losses. Feeds that "look good" may be seriously lacking in vital minerals. It pays to take every precaution! CAREY'S MINERAL SUPPLEMENT SALT supplies an extra ration of calcium, phosphorus, iodine as stock satisfy their normal salt hunger. Supplements regular feeds. Helps guard against Mineral Deficiency. Helps protect profits. Ask your Carey Dealer for proof. CAREY'S MINERAL SUPPLEMENT SALT is available in 50-lb. Handi-Hol blocks and 100-lb. bags.

FREE New book gives facts and figures about Mineral Deficiency. Tells what to look for, how to fight it. Amazing! Startling! Informative! Just off the press. Invaluable to raisers of hogs, cattle, poultry, sheep—all stock. Send your name and address for "Minerals and Your Livestock"—FREE! Write today! CAREY SALT CO., Dept. W.F.-2-47, Hutchinson, Kansas.

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FARM SUPPLIES
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Money-Saving Values—Farm—Poultry—Lawn Fence, Barb Wire, Posts, Gates, Irons, Electric Fence, Roofing Paint, Poultry—Barn Equipment, Ventilators, Tanks, Pump Jacks, Water Systems, Milking Machines, Wagon Gears, Lawn Mowers, Cabinet Sinks, Baby Chicks, Wheelbarrows, Tarpaulins. Everything prepaid.

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With the Continental Simplified Dial Control, it's easy to cut, braze, solder and hard-surface without special training. Easy-to-follow instructions take the mystery out of welding. Specially adapted for farmers, ranchers, garage men. Five year guarantee; approved by Underwriters' Laboratories. Dealers wanted. Write for literature. CONTINENTAL FARM MACHINE CO., 1128-8 Metropolitan Life Building, MINNEAPOLIS 1, MINN.

Tractor Parts — New and Used

All Makes. Satisfaction Guaranteed. Write for free 1947 Catalog. BURLINGTON TRACTOR WRECKING CO., Burlington, Iowa.

MALE HELP WANTED

Reliable man with car wanted to call on farmers. Wonderful opportunity now. $15-$20 in a day. No experience or capital required. Permanent. Write today. McNESS CO., Dept. 9, Freeport, Illinois.

NEW FREE CATALOG, selected farm bargains, sixteen states, sent to you free! Many equipped. Many illustrated with picture. Special service to those stating general location desired, and payment plan. Write today! UNITED FARM AGENCY, 428 BMA Bldg., Kansas City 6, Mo.

BUY U. S. SAVINGS BONDS

May End Crop Insurance

For editorial comment on the attempt to wipe out crop insurance, turn to page 6 and read "Drouth and Hoppers May Come Again."

WOULD you like to have crop insurance on your corn crop? Enough, anyway, to get 50 per cent of an average crop, no matter if frost came in August or if it didn't rain at all in June?

Farmers in Marion and Buena Vista counties, Iowa, tried out corn crop insurance this year and last. Uncle Sam made money on the deal. Farmers paid more in premiums than they got back in payments.

But nationally, in spite of good crop years, the crop insurance program has been costing a lot more than it brought in.

From 1938 thru 1945, FCIC (Federal Crop Insurance Corporation) collected 61.2 million dollars and paid out 119.5 million.

Wheat went in the hole in the 1938-43 period, but collected more than it paid out in 1945 and 1946, both good wheat years. In these two years, 72 cents was paid out for each dollar collected.

But in the south $2.29 has been paid out for each dollar collected. Secretary of Agriculture Anderson says PMA folks in the south have been spending too much money.

Anderson says: "During the year 1945, we collected in premiums in the state of Alabama $158,543. As against that sum, we apparently had FCIC state expenses to the amount of $49,820.

"The amount that apparently went directly to the AAA committees thru the field service branch was $8,655 to the state office and $178,244 to the county offices, making a total . . . of $196,719 as against total premium income of $158,543. What we expect to use to pay losses, I don't know."

In contrast to this are good records in Nebraska, Indiana and Illinois.

Secretary Anderson recommends building up an independent force to handle crop insurance, and not using PMA and county AAA committees, in spite of the good records of these committees in northern states.

Representative Ben Jensen, of Iowa, active on the appropriations committee which will pass on new crop insurance proposals, says the program should be ended.

"Except for farmers along the Missouri river, whose crops are threatened by floods each year, I have never heard another Iowa farmer ask for the program," Jensen said.

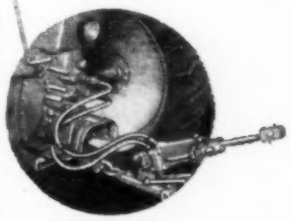
In the New Deal farm plans, crop insurance was designed to keep farmers from being wiped out by bad luck in weather, just as price supporting plans were designed to protect farmers from economic storms.

Undersecretary of Agriculture Norris E. (Ed) Dodd, former AAA chief, recommended that the experimental crop insurance program on corn be continued. He said that losses did not mean it was impracticable, but only that it needed a sounder basis.

Have You Heard the NEWS

CYCLONE ENGINES

...about the *New* JOHN DEERE "A" and "B" TRACTORS?



HYDRAULIC POWR-TROL

DEEP-CUSHION SEAT

STARTER AND LIGHTS

BATTERY UNDER SEAT

It's news that is news!

Now, there's a new, even more efficient, more economical John Deere engine—the Cyclone. It's available in both the "A" and "B", either as an all-fuel engine or as an engine specifically designed for gasoline with increased compression and even more power. This gives you a choice of four power sizes.

There's Hydraulic Powr-Trol—another exclusive John Deere development—that raises and lowers integral and drawn equipment or adjusts it to any desired working position at a touch of your hand.

And there are such new features as adjustable deep-cushion seat and roomier platform that greatly increase comfort and relieve fatigue . . . built-in self-starter and automatic choke for easier starting . . . automatic crankcase ventilation that requires no servicing . . . swinging drawbar that's adjusted in or out, high or low, without tools.

That's just part of the story behind these great new tractors. More than twenty advanced features put them 'way ahead of the field—in performance . . . in ease of handling . . . in operator comfort . . . in tractor value!

Naturally, all the outstanding advantages that made John Deere tractors famous have been retained in these new models. Their exclusive two-cylinder design remains unchanged because no other tractor design has yet been developed that offers such economy, dependability, and long life—the down-to-earth reasons for selecting any tractor.

Keep in touch with your John Deere dealer and arrange to see these new "A" and "B" Tractors with their complete line of working equipment at your earliest opportunity. You owe it to yourself to see them before you buy. Free literature mailed upon request.

JOHN DEERE
MOLINE ILLINOIS

TREAT THE SEED

to grow better oats

"All oat seed should be cleaned and treated with New Improved *CERESAN . . . for the control of pythium root rots and seedling blights, even though the new varieties are resistant to smut. Complete or even partial control of these relatively little understood diseases may result in an increase of some 5 to 10 bushels per acre in certain sections . . ."* U. S. Dept. of Agriculture.

CHECKS HELMINTHOSPORIUM. Increases of 19 bushels per acre were obtained in Iowa, where *New Improved* CERESAN seed treatment was used to check the new Helminthosporium blight. These tests showed *New Improved* CERESAN gave *best* control of this new disease. It *disinfects* seed, killing disease spores on the seed coat. Then it *protects* seed from soil-borne diseases after planting. Generally controls loose and covered smuts of oats, improves stands and vigor of seedlings.

SEED THAT'S WORTH PLANTING IS WORTH TREATING

New Improved* CERESAN also controls covered smuts of wheat, barley and rye, sorghum, millet and barley stripe. Checks damping-off and seed rot of flax. One pound treats 32 bushels of seed grain.

ARASAN* for corn. Checks seed decay and helps improve stands. Also improves vegetable stands, and controls kernel smuts of sorghum.

SEMESAN BEL* for potatoes. The quick, easy treatment for "rhizoc," seed rot and scab of Irish potatoes.

PLANT TREATED SEED

PLANT SEED TREATED WITH DU PONT SEED DISINFECTANTS

HAVE YOUR SEED TREATED NOW

If your seed is not treated, have the Du Pont Seed Treater† in your area treat it at low cost. Or buy Du Pont Seed Disinfectants and treat seed yourself. For details write to Du Pont, Semesan Division, Wilmington 98, Delaware. *Reg. U. S. Pat. Off.

†If there's no treater near you, write for plans on setting up a seed treating service yourself.

DU PONT SEMESAN SEED DISINFECTANTS

BETTER THINGS FOR BETTER LIVING . . . THROUGH CHEMISTRY

DU PONT

REG. U. S. PAT. OFF.

Legislators Must Set a Course

What About 45 Million Balance, School Aid, Income Tax, Roads, New Buildings?

THE 1947 Iowa legislature is going to increase appropriations. All that has to be decided is how much to add to appropriations and where to get the money.

Two beacons, each giving a warning that it must determine how much to spend and provide income for it, have been lighted for the legislature.

Gov. Robert D. Blue told the legislature:

"The only safe course is to determine first the total amount of revenue you anticipate, then make a fair distribution of this amount among the different departments, giving due consideration to the importance of their functions and their special needs.

"The budget must be balanced. If the estimated revenues are insufficient to meet the needs, you must consider means of providing additional revenues."

Another lead was offered by a tax study committee which worked between sessions of the legislature. This committee was headed by Francis Johnson, former head of the Iowa Farm Bureau Federation. The committee reported:

"Under present conditions, your committee does not find it is necessary or advisable to increase state revenues for purposes of supporting the general government of the state.

"It believes that present collections, together with accumulated reserves, are adequate to meet current needs and probably to provide for the emergencies and readjustments of post-war years for some time to come.

"Any additional commitments on the part of the state for funds to be allocated to local taxing units, or for increases in present commitments for old-age assistance, state school aid, and homestead tax credits should only be made when accompanied by the enactment of taxation measures adequate to finance such commitments on an enduring basis."

The tax study committee recommended continuing the 50 per cent state individual income tax collection, provided authority is given the executive council to resume 100 per cent collection any time return to property taxation for state purposes otherwise would have to be resorted to.

The governor took no position on the 50 per cent collection of income tax.

As the legislature begins work, this is about the financial condition of the state. There are two funds: (1) The general revenue fund, and (2) the sales and income tax funds.

The general revenue fund comes from special taxes, profits from the liquor stores, etc. It is used for the state departments, for the support of the three big state educational institutions, and for the institutions under the Board of Control.

The general fund took in $18,500,000 in 1946 at the peak, to pay out $20,000,000 appropriated from the fund.

Operating appropriations requested now, not including the present $3,500,000 for state school aid, or school increases asked for next year, would bring the general fund budget up to $30,000,000, an increase from $20,000,000.

Increased revenue in the general fund of about $10,000,000 annually would seem to be required. That estimate is on the assumption that the legislature will hold the appropriations down to $30,000,000.

Governor Blue told the legislature that the state departments are asking for an increase of $17,000,000 for operating expenses each year. But he added:

"The budget I shall submit will be substantially smaller than the requests."

The receipts from the sales and income tax fund are kept separate from those in the general fund. Here are receipts and expenditures in that fund:

In the last fiscal year, ended June 30, 1946, the sales and income tax produced $35,805,931, divided

SENSATIONAL NEW Automatic Red-Hed HOG OILER with Belly Rubbing Attachment!

SCRATCHING COMES NATURALLY . . . new Red-Hed Hog Oiler applies clean medicated oil to back, sides, belly! Gets Lice, Mange, Scurf. Only way hog can treat self back of ears, on rump, belly and all parts where pests congregate. Massages oil in. Enclosed reservoir feeds clean oil. Valve measures, controls amount. Exclusive Belly-Rubber keeps hogs happy . . . gives you more pork production.

FREE 2-MONTH SUPPLY MEDICATED OIL GET DETAILS...MAIL COUPON TODAY.

Automatic Equipment Mfg. Co., Dept. 133
Pender, Nebraska.

Send prices, literature and Free Trial Order Blank on new Red-Hed Hog Oiler with Belly Rubbing attachment.

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P.O.....STATE.....

Also send information on items checked:
☐ CATTLE CURRIER ☐ TRACTORKAB

FREE TRIAL OFFER

4 PURPOSE

FOR IMMEDIATE DELIVERY

Designed for (1) a Poultry House—(2) a 4 or 6-Pen Hog Farrowing House, providing farrowing space for 4 or 6 sows with exits and light to each pen—(3) Garage—(4) Tenant House, Lake Cottage or other living quarters.
Standard size is 16x16 ft., 9 ft. high from floor to ridge. This unit may be expanded in multiples of 4 ft. by adding 4 ft. roof and floor sections. FREE Catalog and Prices.

★ Poultry House
★ Hog House
★ Garage
★ Tenant House

SUPER-STRUCTURES INC.
Dept. W ALBERT LEA, MINN.

—START SAVING NOW THE EASY U. S. SAVINGS BOND WAY—

Don't spend more than you have, Gov. Robert D. Blue advised the 1947 Iowa legislature.

thus: Sales tax, $27,957,865; income tax, $7,848,066. Total, $35,805,931.

This $35,805,931 annual sales and income tax revenue had to support the following annual payments: Homestead tax credits, $15,600,345; old-age assistance, $10,000,000; state school aid, $3,530,000; collection costs, $525,000. Total, $29,715,345.

It will be noticed that receipts last year in this fund were over $6,000,000 more than expenditures. The tax study committee says the total balance accumulated on June 30, 1947, will be $45,451,115.

The surplus has accumulated because, for the war years, the sales and income taxes brought in more money than was needed to pay appropriations from them.

The revenue from the "use" tax, which amounted to $1,810,162 in the 1945 fiscal year, is in the $45,500,000 surplus.

But it is set aside as a reserve fund, either for paying homestead tax credits in full, if sales and income revenue are inadequate, or for addition to the state general revenue fund, if other special tax revenues of the general fund are inadequate to pay its obligations.

The governor recommended that the legislature first segregate from the $45,500,000 surplus a reserve large enough to run the state departments and institutions for three months. That would take $7,500,000 if the legislature decided to appropriate $30,000,000 a year for the general fund.

If the legislature goes along with him, it would have whatever of the rest of the $45,500,000 it thought it could spend safely to distribute.

The amount of school aid increase sought is from $3,530,000 a year to $15,000,000 a year. Putting the individual income tax back to 100 per cent collection would bring in about $6,000,000 a year.

So the legislature still is at the place where it has to decide how much to spend and where to get the money.

For a year or two, the $45,500,000 surplus could be used for additional money in the general revenue fund and for school aid if increased. But both the governor and the tax study committee have advised against additional obligations without providing the revenue for them.

Anyway, there are requests for new buildings at state institutions totaling $26,000,000.

RAISE A CROP THE NEIGHBORS WILL COME TO SEE!

Here's the hybrid you have been looking for! A perfect marriage of four Moews Improved inbred parent lines. Rapidly it is replacing all older hybrids in county after county!

Why put up with nubbins and barren stalks? "14" inherently sets a big ear on every stalk, on a medium shank 30 to 36 inches from the ground.

Why put up with corn that's too wet to crib in the fall . . . that makes chaffy kernels of low market grade, or that's too flinty for animals to chew and digest? "14" is of medium early maturity. Makes sound, heavy kernels of top market grade. It is packed with the mellow soft starch that feeders value so highly.

Why put up with corn that drops the ears, that grows tall and spindly with ears too high, that fires in a summer dry spell, or succumbs to the attacks of borers . . . corn that root lodges, stalk breaks, or dries up before the ears are ripe? "14" holds the ears through harvest. It makes a strong, sturdy medium-short stalk, firmly anchored with deep, fibrous roots. There are 13 or 14 long, very wide, dark-green leaves. It looks vigorous and it is vigorous.

The seed is big, plump, rich reddish yellow, with plenty of food to nourish the growing seedling. It's easy to plant with plates you have.

For a bigger, better, surer crop, plant Moews Improved Hybrid 14 . . . Moews' "Master Mating."

131 bushels per acre from Moews Improved Hybrid 14 wins Henry Co. Contest for Curtis Walston.

From Canada to Kansas, farmers praise Moews Improved Hybrid 14, for its TOP YIELDS, TOP QUALITY, and its resistance to DROUTH, WIND, CORN BORERS.

At Pearl City, Illinois, C. J. Gilbert reports a yield of 161 bushels per acre from an 18 acre field planted with 14 in 1946.

In the Guthrie County, Iowa, Corn Yield Contest, Burton Whetstone got first award from his Moews Improved Hybrid 14 with a yield of 124.9 bushels per acre.

At Dawson, Iowa, Frank Appenzeller tells of a 23 acre field planted with 14 in 1946. On October 4 it tested 19% moisture. Cribbing and shelling were finished on October 8. The field was fall plowed just 157 days after planting.

Farmers in drouth areas say 14 is the last corn to fire. In wind and borer areas, 14 stands up where others lodge.

WHO SHOULD PLANT THIS AMAZING HYBRID

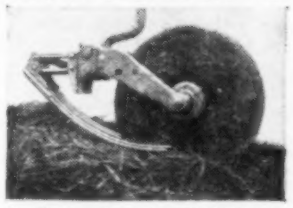
In North Central and Central Iowa . . . Southeast South Dakota . . . Northeast, Central, and Southwest Nebraska . . . North and North Central Illinois . . . 14 is early to medium-early in maturity.

In Southern Iowa . . . Southeast Nebraska . . . Central and South Central Illinois . . 14 is extra early in maturity.

In Northeast Iowa . . . Southwest Wisconsin . . . and Northeast Illinois . . . 14 is adapted as silage corn or as grain corn on fast soils.

Moews offers a sensational line-up of other Improved Hybrids in maturities earlier and later than 14. Send coupon for new catalog-circular!

PLOW CLEAN IN '47



You'll never know how EASY it is to turn under heavy trash . . . bury all corn borers . . . speed up your plowing . . . until you have attached patented, knee action STUTE Trash Guards in front of the rolling coulters of your plow. STUTE Trash Guards were used by the winners of the National Plowing Contest. They quickly save their cost by saving your time and temper. Write, or fill in coupon, for full details.

YOUR MOEWS DEALER IS AS CLOSE AS YOUR MAIL BOX

Save time . . . save effort: Fill in and mail the coupon at right telling us your requirements. We'll save out seed for you, and meanwhile send you a filled-in order form for your approval of price and delivery. Your seed will be sent to a convenient nearby Moews dealer, or shipped direct to you if there is no Moews dealer nearby. We have not seen ANY seed that equals ours in quality this year! Cash in on corn breeding progress—send coupon now.

There are other 14's but only one Moews 14.

MOEWS Improved HYBRIDS

MOEWS SEED COMPANY
Granville, Illinois

Subject to my approval of price and delivery, reserve seed of Moews Improved Hybrid 14 as checked below:

Bushels_____

Grade (Medium, Large or Small Flats; Medium or Large Rounds)

_____

____Send new catalog-circular

____Send Stute Trash Guard circular

Name_____

Address_____

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____Check here if interested in becoming a Moews dealer.

At Chicago, Ful-O-Pep Fed Hogs are
GRAND CHAMPIONS
FOR THE 4TH STRAIGHT YEAR

George Hoffman & Son, Ida Grove, Ia., and the O'Bryan Ranch, Hiattville, Kans., both Ful-O-Pep feeders, swept the Carlot Fat Barrow Show at the 1946 Chicago International by winning all three weight championships. And the Hoffman load of light weight Berkshires later was named Grand Champion Carlot of the Show. All three loads were raised the Ful-O-Pep Way and finished for the show on vitamin-rich Ful-O-Pep 40% Hog Feed Concentrate.

FEED FUL-O-PEP—The Modern Hog Concentrate for FAST GAINS AT LOW FEED COST!

SOME OF THE NATION'S finest hog producers will tell you that Ful-O-Pep 40% Hog Feed Concentrate marks a new step forward in hog feeding . . . that it's built to give fast, economical gains and at the same time promote health and championship finish.

THIS MODERN, improved concentrate supplies proteins, vitamins and organic mineral salts that corn lacks to help put on fast gains at low cost. A variety of choice vegetable and animal proteins are blended together to give you a bone-building, pork-making feed that's hard to beat. And the special vitamin-rich sources in Ful-O-Pep promote fast growth, rugged health, and championship finish.

THIS YEAR, feed for real pork profits the Ful-O-Pep Way. See your Ful-O-Pep dealer today for your supply of Ful-O-Pep 40% Hog Feed Concentrate.

FUL-O-PEP
PIG-N-SOW FEED
PIG STARTER
HOG FEED CONCENTRATE
FEEDS FOR PORK PROFITS

FREE SAMPLES
GRASS SEED

U. S. SAVINGS BONDS ARE THE SAFEST INVESTMENT—BUY MORE

Voice of the Farm

Hits Farm Bureau "Handout"

To the Editor: You are talking entirely too much about the Farm Bureau.

The Farm Bureau gets a handout from every county in Iowa of $2,000 to $5,000 of hard-earned taxes every year. Why not pave a mile of Iowa's mud roads every year instead? — I. W. Charlson, Winnebago County, Iowa.

To the Editor: Mrs. M. C. Howard's statement that anyone can belong to the Farm Bureau is true. But she didn't inform your readers that only those who are actually engaged in farming can vote or hold office in the Farm Bureau.—W. J. Perkins, Muscatine County, Iowa.

As expected, Farm Bureau members say we don't talk enough about the Bureau, nonmembers claim we say too much about it.—Editor.

Why Should Renter Improve Soil?

To the Editor: I know the landlord has expenses, but I know both sides of it, as we both own and rent.

Our landlord will not improve a thing on the place more than he just has to. We furnish all fertilizer on our own place. But on the land we rent, the landlord wants us to furnish half of it and half of the grass seed.

Why ask the renter to improve the soil on the land you own? After all, he works hard, and the work has always been all he was supposed to furnish.—I. M., Sac County, Iowa.

What about the extra returns the renter gets from fertilizer?—Editor.

Thinks It Might Be Renter's Fault

To the Editor: When it comes to "plenty of windows are broken," as "Farmer's Wife," of Butler county, Iowa, reports, one wonders why there should be so much destruction.

Possibly the landlord is sick and tired of making and paying for repairs.—Mrs. P., Calhoun County, Iowa.

But maybe he doesn't attract the best tenants.—Editor.

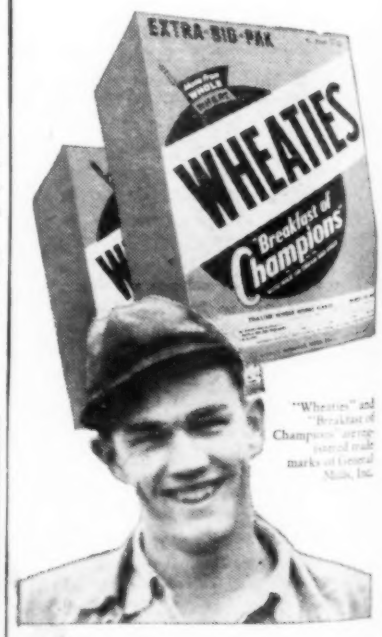
"Oh, ho! So that's how you get your hired men!"

CHAMPION FARMER is James Rowland, chosen Star Farmer of Arkansas at the 1946 American Royal Show. Jim operates a 200-acre farm near Harrison, Arkansas, in partnership with his father, P. M. Rowland. Jim's first project (in 1941) included 15 pigs, 2 acres of corn. He now has 15 dairy cattle and 85 acres in corn, alfalfa, Lespedeza and soy beans.

• • •

"SHOULD BE RAISING wheat, I often think," says farm champion Jim Rowland, "considering how I pack away my Wheaties. Those toasty, crunchy flakes have the taste of field-ripe wheat loaded up with sweet flavor. I hear Wheaties contain the vitamins and minerals of 100% whole wheat. I *know* that a big bowlful of milk, fruit, and Wheaties, 'Breakfast of Champions,' is my favorite breakfast dish."

General Mills, Inc.



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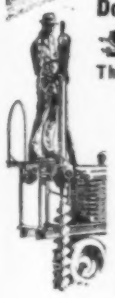
WARNING! When you try Wheaties—be sure to get the new Extra-Big-Pak. Contains 50% more than the regular package. It's just the right size for matching that swell Wheaties flavor with your family's healthy appetites.

The SPEEDER Line

Does the Work of 10 Men . . .

SPEEDIGGER

The ORIGINAL Post Hole Digger



Digs up to 600 post holes a day — at lowest cost, greatest speed. Easy to use. Pays for itself in four days of custom digging for neighbors. Drills holes 4" to 12" diam., up to 54" deep — any angle — through frost, gravel, roots, etc. Simple to mount, adjust. More in use than any other. Mounts on all makes of tractors and postwar jeeps.

One-man Control Available

SPEEDER Dump Trailer

Dumps itself. Complete with cable and winch for easier loading and unloading. Large bed, 7x10 ft. Bed is adjustable, always level. Timken bearings. Built for heavy farm use.

SPEEDER Wagon

Welded tubular construction is stronger, lighter. Automobile-type steering. 6000 lb. capacity Timken bearings.

SPEEDER HYST-ALL Wagon

The ONLY farm wagon that hoists without hydraulic or power take-off, or hand leverage. To hoist, just pull trip-lever and back up. Hauls bigger loads. Castored front wheels — easier to back and turn. Three-point frame eliminates twists and strains. Triple-purpose box — for grain hauling, heavy hauling, hay rack.

Write for circular and name of nearest dealer.

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MEYER HEAVY DUTY ALL-PURPOSE Power LOADER

HARD JOBS DONE FAST

HANDLES . . . Manure, Earth, Grain, Posts, etc.

SIMPLE—One Manual control operates clutch and brake. No changing motor speed or shifting gears.

FASTER—Greater volume shortens job. Cable sheaves engineered for slow to FAST lifting. MEYER slow load breakaway easier on motor.

EASILY ADJUSTED FRICTION CLUTCH synchronized with brake. Load may be started or stopped, lowered or raised, from any lift point.

Free Send for literature giving full information.

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Makers of famous MEYER ELEVATORS

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THIS FELLOW IS GOING TO NEED CORONA!

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FREE SAMPLE 8-oz. 75c

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Relieve Itch in a Jiffy

Sufferers from the torturing itch caused by eczema, pimples, scales, scabies, athlete's foot, "factory" itch, and other itch troubles, are praising cooling, liquid D.D.D. Prescription. This time-proved medication—developed by Dr. D. D. Dennis—positively relieves that cruel, burning itch. Greaseless and stainless. Soothes and comforts even the most intense itching in a jiffy. A 25c trial bottle proves its merits or your money back. Ask your druggist today for D. D. D. Prescription.

Ottawa Self-Propelled Buzz Master

CLEARS LAND FAST! Powerful 6-HP motor with friction clutch for safe operation. Cuts down timber, brush and hedge; turn blade vertically and saw logs to length. Can be equipped to fell largest trees. Has clutch pulley for belt work. Fully guaranteed.

No Other Like It!

OTTAWA MFG. CO., 228 Brush Ave., Ottawa, Kansas

—OUR ADS ARE NEWS—

VETS' BONUS

Are there any veterans of World War II who do not want a bonus?

The Iowa legislature is discussing the state bonus question now. It will decide whether to pay a bonus or use surplus funds for other things such as roads and schools.

How do Iowa farm veterans feel about it? If you are a veteran, write your opinion to "Voice of the Farm." Your letter should be signed, but your name won't be used if you ask us not to.

To see what Iowa farm people as a whole say about the bonus, turn to page 8.

Will We See Such Times Again?

To the Editor: Hogs at $3 per hundred, corn 15 cents a bushel, it is 15 below zero, and hired men are working for their board.

Will times ever become any better?—Saxon Pfumno, Lucas County, Iowa.

Here's the catch: Mr. Pfumno's letter is dated January 3, 1932. Remember?—Editor.

"Coolie" Argument Starts Agan

To the Editor: I have not seen that your paper or any farm organization has made any attempt to inform farmers of the proposed action of the secretary of state to cut the tariff on almost every farm product.

If these tariffs are effected, it will mean that every farmer will have to compete with the peon and the coolie.—Arthur H. Booth, Marion County, Illinois.

Iowa farmers aren't likely to fall for the silly tariff talk that seems to be starting up again. They had to live a whole lot more like coolies under sky-high tariffs than they have since Cordell Hull started the reciprocal trade agreements program.—Editor.

Favors Stern Policy Toward Russia

To the Editor: Out of World War II have come the following results:

Oligarchical Japan is out and a new Japan is in the making. Dictator Mussolini is dead and a new Italy is being built. Dictator Hitler and his supporters and quislings are in the discard.

But the dictatorship in Russia still functions strongly. The Russian people have no real power as to their own destiny. Stalin at 68 is near his end, but out of the Politbureau will come a new dictator.

Can Russia and Europe escape a bigger and worse blood-letting? Time can tell, but the quislings of the Balkans have already been named and puppet governments set up.

It is for the USA to say to the Russian dictatorship: Stop! Stop now! You can not traffic further in the blood and tears of the common people of Europe and Asia.—Lew Morris, Polk County, Iowa.

Just suppose Stalin answers, "Nuts!" Should we fight?—Editor.

2-Minute Cleaning Magic for your Cream Separator!

See the famous Cream Quality movie "A FAST WORKER"

NOW DISCOVERED!—the best, most successful method for cleaning the cream separator! With Dreft . . . Procter & Gamble's amazing *wetting agent*—it takes only 2 minutes . . . twice a day—that's one-third the time taken by old, tedious methods.

No hard brushing—no scouring, are necessary—because Dreft's amazing action *dissolves* greasy scum and floats away the heavy film coating of milk. Milkstone, too, is dissolved away—and Dreft helps prevent new milkstone from forming.

SAVES TIME AND MONEY!

The country's leading dairy experts endorse this amazing new method—not only because it saves time, but it also assures better quality cream and higher butter fat yield, thereby more money for your product. Try Dreft for dishwashing, too—it makes dishes shine—even without wiping!

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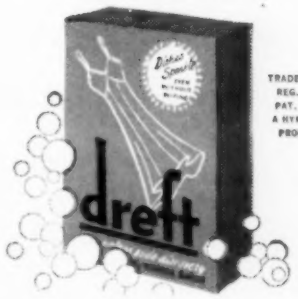
NO SCOURING! NO SCUM! NO MILKSTONE!



TRADE MARK REG. U. S. PAT. OFF. A HYMOSOL PRODUCT

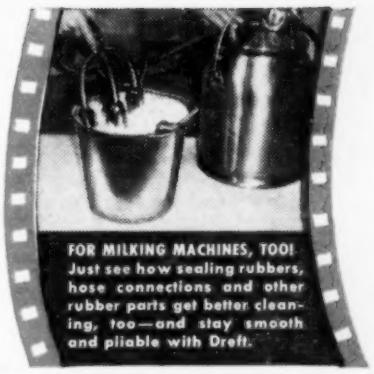
GET FREE BOOKLET!

UPON REQUEST, we'll mail you a copy of the interesting free booklet "2-Minute Cleaning Magic" which shows how to clean the cream separator in only 2 minutes!

Booklet also explains how to arrange for a showing in your community of the famous Cream Quality movie "A FAST WORKER." Address Procter & Gamble, Dept. D-65, Box 687, Cincinnati 1, Ohio.

NEEDS NO SCOURING! From the movie, "A Fast Worker", showing how Dreft gets to discs and hard-to-reach surfaces . . . flushes clean with no hard scrubbing.

FOR ALL DAIRY UTENSILS! See for yourself in this movie how Dreft suds dissolve grease and penetrate milk scum . . . make pails, cans, dippers *shine* they're so clean!



FOR MILKING MACHINES, TOO! Just see how sealing rubbers, hose connections and other rubber parts get better cleaning, too—and stay smooth and pliable with Dreft.

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PROCTER & GAMBLE'S AMAZING DISCOVERY!

Watch Me Grow

when you balance grains with only a little

PRO-MIN

SUPER-SUPPLEMENT

TRY A FEW BAGS ON MONEY-BACK GUARANTEE!

Here's one Protein Supplement so superior, so effective, that it is sold with a positive Money Back Guarantee! If you are not pleased after using a bag, return the empty sack and your money will be refunded!

PRO-MIN Super-Supplement is really wonderful for pigs. It supplies THIRTY valuable needed ingredients which, added to corn, produce big strong frame and extra pounds of solid flesh, aid in avoiding disease, help in ridding the animals of worms.

COSTS LITTLE—you use only 7% PRO-MIN to 93% corn. This supplies all the needed Minerals, Proteins and Vitamins, plus Niacin, recommended by authorities for Necro.

Join the thousands of Iowa farmers who are switching to PRO-MIN! Money-Back Offer guarantees you MUST be pleased!

Write for FREE SAMPLE!

Order PRO-MIN from your dealer or mail the coupon NOW for generous Free Sample. SEE what PRO-MIN Hog Supplement is like. TRY it and notice how the pigs go for it. Offer is good for short time only. MAIL THE COUPON FOR FREE SAMPLE AND BOOKLET, NOW!

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FREE Sample

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Please mail me a Free Sample of PRO-MIN Hog Supplement with illustrated booklet.

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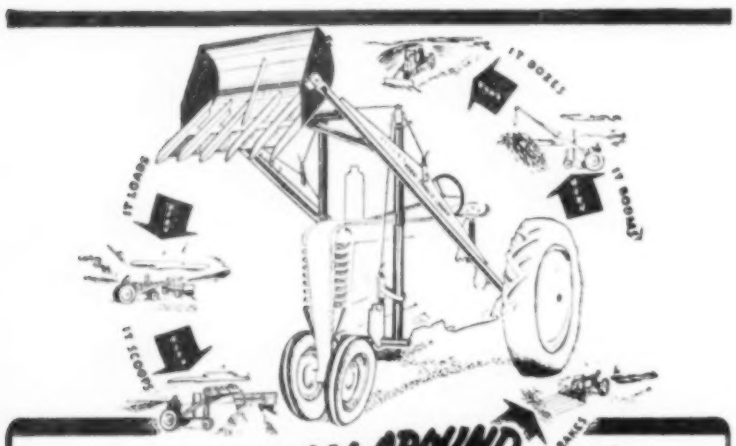
DEALERS: A few choice dealer franchises still open. Write!



IT'S THE ALL AROUND FARMHAND!

HORN-DRAULIC LOADER

The one piece of farm equipment you will use the year around. Winter, Spring or Fall you can depend on the precision built, twin cylinder HORN-DRAULIC LOADER for quality and long service.

Have You Seen the Horn Fordraulic Loader?

ANOTHER QUALITY HORN ORIGINAL
THE HORN ALL STEEL WAGON BOX

- LONG SERVICE
- DURABLE
- ALL-STEEL
- SPECIAL PAT. END GATE
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HORN MANUFACTURING COMPANY
FORT DODGE, IOWA

Chutes that are movable and adjustable to various sizes of hogs make it easy to ring sows and fall pigs, so they won't plow the pasture.

Legumes Save Hog Feed

GROUND legume hay in the ration of the brood sow does three important things according to one recent experiment. It increased rates of gain of the pigs, saved protein and saved grain.

Legume pastures will continue the process for the growing pigs and the sows.

In the experiment on the sows nursing pigs, 18 sows were divided into three lots of six each.

At farrowing time, Group 1 got a ration including 70 pounds of ground shelled corn, 4 pounds of middlings, 10 pounds of supplement and 16 pounds of ground alfalfa.

The six sows in Group 2 got the same ration except soybean hay was used in place of the alfalfa.

Group 3 was fed a mixture containing 83 pounds of ground shelled corn, 5 pounds of middlings, 12 pounds of supplement.

The sows nursed the pigs 70 days. Pigs in Group 1 weighed 2.68 pounds each at birth. The sows farrowed 184.9 pounds of pigs and at weaning time the total weight of pigs was 2,138.4 pounds. To get the pigs there, the six sows had lost 624.9 pounds and had eaten 3,780 pounds of feed.

Pigs farrowed in Group 2 weighed three pounds each at birth, or a total of 185.4 pounds. At weaning, the pigs weighed 1,759.2 pounds. The sows had lost 665 pounds and had eaten 4,200 pounds of feed.

In Group 3, where the ration contained 13 pounds more shelled corn and 2 pounds more protein per 100 pounds, the birth weight of the pigs was 2.81, for a total of 168.6 pounds. At weaning time, the pigs weighed 1,546.2 pounds. The sows had lost 480.9 pounds on 3,570 pounds of feed.

Actually, the sows on ground alfalfa produced 421.9 more pounds of pork on less corn and supplement. Sows in Group 1 produced a net of 1,318.6 pounds of pork (weaning weight minus birth weight and weight sows lost), as compared with 896.7 for Group 3.

Sows getting alfalfa farrowed 11.5 pigs each and weaned 9.33 each. The pigs weighed 38.2 pounds each when weaned.

Group 2, fed the bean hay meal, farrowed 10.3 pigs each, weaned only 7.33 each, and they averaged 40 pounds. Sows on the grain ration farrowed 10 pigs each, and weaned 7.5 at 34.36 pounds per pig.

- BETTER LEGUME YIELDS
- IMPROVED STANDS
- HIGHER PROTEIN CONTENT
- IMPROVED SOIL FERTILITY
- HIGHER SEED YIELDS

For nearly fifty years farmers have used NITRAGIN inoculation to make greater profits from clovers and other legumes. Inoculate all legumes with NITRAGIN. Get it from your seedman.

Write for your copies of free legume booklets.

The Nitragin Co., Inc. 3749 N. Booth St., Milwaukee, Wis.

Try the new sealed bearing

BUFFALO FEED GRINDER

Clears away 100 to 300 bus. ground feed without slowing. Grinds all small grain and shelled corn. Sizes 7 to 12 inch, capacities 100 to 250 bus. per hour. Unbreakable and guaranteed to satisfy. No greasing, no hot bearings. Write for details.

JOHN DICK MACH. WORKS, HALLOCK, MINN.

YOU CAN EARN
Earn $100-$150 a Week

Expenses While In Training

Excellent opportunity for salesmen and crew managers for an old reliable company selling Calcium Carbonate to farmers, livestock producers and feeders. Good territories available for the right men. Men 40-63 preferred. Write, giving age, qualifications, experience.

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First Nat'l. Bank Bldg.
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OTTAWA LOG SAW

Wood is being at the highest prices ever known. There is a big demand everywhere. Use an OTTAWA Log Saw, easily operated. For trees, saws limbs. Turn your wood lot into money.
OTTAWA MFG. CO., 228 Wood St., OTTAWA, KANS.

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SEEDS — BERRY PLANTS
ORNAMENTALS

Lowest Prices Possible. Highest Grade Stock, Guaranteed to Satisfy. Fruit Trees, Vines, and Garden Seed. We have 200 varieties Fruit Trees, Evergreens, Shade Trees, etc.; in fact, our 1947 catalog has everything for Garden, Farm and Lawn. Free Catalog.

FREE CATALOG

Allen's Nursery & Seed House
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—Our Ads Are News—

The STAN-HOIST

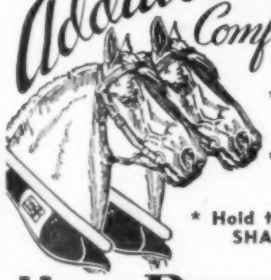
MAKES QUICK WORK
OF UNLOADING JOBS

● This compact, portable unit saves time and labor in getting your corn, grain, silage, chopped hay and forage dumped into hopper for elevating to cribs or bins. Lifts front end of wagon or truck, quickly and evenly, by dependable, positive, hydraulic action. All-steel construction with no top-heavy, over-balancing superstructure — no cables, hooks or chains to fasten to load. Operates by electric, tractor or gasoline engine power. Ask your implement dealer — or write us for circular and price, care of Dept. WF-2.

ESTABLISHED IMPLEMENT DEALERS: Write for territory.

STANDARD ENGINEERING CO.
Fort Dodge, Iowa

FOR Additional Comfort



* Cushion Faced
* Absorb Sweat
* Hold their SHAPE

Jim Dandy Collars
with BUILT-IN Sweat Pads
Save Your Horses — Dollars, too
SEE YOUR LOCAL JIM DANDY DEALER

KIDNEYS MUST REMOVE EXCESS ACIDS

Help 15 Miles of Kidney Tubes Flush Out Poisonous Waste

If you have an excess of acid in your blood, your 15 miles of kidney tubes may be overworked. These tiny filters and tubes are working day and night to help Nature rid your system of excess acids and poisonous waste.

When disorder of kidney function permits poisonous matter to remain in your blood, it may cause nagging backache, rheumatic pains, leg pains, loss of pep and energy, getting up nights, swelling, puffiness under the eyes, headaches and dizziness. Frequent or scanty passages with smarting and burning sometimes shows there is something wrong with your kidneys or bladder.

Kidneys may need help the same as bowels, so ask your druggist for Doan's Pills, a stimulant diuretic, used successfully by millions for over 50 years. Doan's give happy relief and will help the 15 miles of kidney tubes flush out poisonous waste from your blood. Get Doan's Pills.

THE CORN OF Plenty

FEATHERS America's Largest Feather Buyers since 1858 will pay highest market prices for your GOOSE and DUCK FEATHERS. BURTON-DIXIE CORPORATION 2004-2024 South Racine. Chicago 8

New and Used TRACTOR PARTS
Write for big, free 1947 catalogue; tremendous savings. Satisfaction guaranteed. General Tractor Wrecking Co., Des Moines, Iowa

Tips For February

Farm work gets into a jam if one season's work is allowed to run over into the next. February has its quota of farm jobs that should not be left until spring. Here are a few suggestions by the Farm Management Staff, Iowa State College.

▲ ▲ ▲

WORK PILES UP most on a farm during two times of the year. The first is during spring planting. The second comes during haying and harvesting. Anything you can do to cut down work in these two peak labor periods will help step up your farming efficiency. For one thing, you can make sure that as few other jobs as possible pile up on you during planting and harvesting times.

▲ ▲ ▲

MACHINES REPAIRED in February and made ready for field work can save you valuable hours later on. Check over and repair any machinery not yet ready. Schedule repair time now with a repair man for work yet undone. Get repairs bought and put on.

▲ ▲ ▲

YOU GET PAID for having your machinery in tip-top shape, all ready for oat seeding. Dr. F. C. Burnett, crops specialist at Iowa State College, says that once the ground is ready, each two days lost in seeding oats means just one bushel less per acre for you at harvest time.

▲ ▲ ▲

TREATING OF OATS should be planned for early. Edmund Seiser, Hamilton county, Iowa, always sets aside a day in February to treat his small grain seed. He uses half an ounce of new improved ceresan per bushel of seed. Oats, barley, wheat and flax should be treated. That's important this year. Farm crops men point out that practically all the seed oats this year is infected with the new oat disease — helminthosporium. Treating won't entirely prevent the disease. But it will hold down the damage.

▲ ▲ ▲

TEMPORARY FENCING is often necessary to raise your hogs on clean ground. Dick Stephens, of Washington county, Iowa, tries to get his temporary fencing done ahead of spring field work. If the ground thaws out in February, the fence can be made ready before spring field work starts.

NEED SHADE for hogs next summer? Putting up next summer's hog shade is a good job for some late winter day when the weather is nice. Then that job is out of the way later on when you are busy with other jobs.

▲ ▲ ▲

EARLY CHICKS pay best. That's been the experience of Arno Kregel, of Clayton county, Iowa. Early cockerels will bring higher prices. Early pullets will be laying in the fall and the fore part of the winter when egg prices are highest. What's more, your work does not pile up as much with early chickens. Much of the labor with early baby chicks is out of the way by the time field work starts.

▲ ▲ ▲

BROODER HOUSE and equipment should be cleaned and repaired now. Check everything to make sure it is in first-class working order and get needed parts before the chicks come.

▲ ▲ ▲

A STRIP OF MANURE from the speader marks contour lines for one southern Iowa farmer. Next spring he will start his plowing along the marked contour lines. He will be one jump ahead of his neighbors who wait until spring to start laying out contour lines.

▲ ▲ ▲

FARMERS SAVED almost one and one-third more pigs per litter last year than they did in 1924. That's what the December government pig survey showed. Bernard Collins, of Wright county, Iowa, figures that the electric pig brooder is one of the main reasons. Each of his farrowing pens has an electric pig brooder in the corner. On cold winter evenings, Collins has come out to look at his pigs and found all the little ones from every litter safe under the brooders. There was no danger of those pigs being lain on.

▲ ▲ ▲

HERE'S A TIP that may be worth a lot to you a few years from now. Every year, Henry Stueland, Clinton county, Iowa, makes a plan on paper of his cropping program. He saves these plans—keeping them in a loose-leaf notebook for future reference. On the plan, he notes the crops he raised last year on the different fields. He shows where the manure was spread. He indicates what fertilizer and limestone was spread on different fields, and the amounts.

DUZ-ALL Twin Hydraulic LOADER and Sweeprake

A Big STEP FORWARD IN LOADER CONSTRUCTION

An IMPROVED TYPE of tractor loader powered by "balanced twin hydraulic hoists." No twist, strain or wear on hydraulic mechanism. NO belts, NO gears, NO cable or pulleys to cause trouble. Properly engineered. Tried and proven on the job. Powerful construction. Easily maneuvered.

For Farmall H, M, F-12 and F-20. John Deere A and B. Oliver 70. Case SC. Allis-Chalmers WC. Minneapolis-Moline UTU. Massey Harris 101 Jr.

DEALER TERRITORIES OPEN!

A Better LOADER AT A Lower PRICE!

Lifts large loads to exceptional heights. Clears any door tractor will go through. Easiest of all loaders to attach and detach. Just drive under to attach, drive out to detach. It's "TOPS"! Also available with Bulldozer attachment.

Write for Illustrated Literature and Price!

SIEBRING MFG. CO.
1003 Main St. GEORGE, IOWA

The Husking Bee

Poem by J. C. Cunningham based on a description by Mr. Thomas in the Farmer's Calendar of 1805

Old Man Thomas, born in seventeen five,
A Yankee farmer, and sure as you're alive
He grew good corn both flour and flint
Of red and blue and mottled tint . . .
'Twould yield as high as twenty bags,
Food for his family, feed for his nags.

Fall days came, passenger pigeons flocked.
Some of the corn he cut and shocked.
The rest he snapped and piled in his barn
Then said Thomas, "I'll be gol-darn,
Think I'll have a husking bee.
Maybe it'll pay. We'll try and see."

The fiddlers scraped their short stiff bows
The young folks mixed and each lad chose
A buxom partner to swing around.
The floor of the barn was hard packed ground.
The husking was finished, Thomas was right
The dance went on all through the night.

FOR FASTER DRYING

Tight shucks concealed the traditional red ears in old-time husking bees. But Nation-Wide Funk Research has developed plants like the one illustrated which opens its husks at maturity. This important character shortens the drying period after the ear has filled and is an extra safety factor in Funk G-Hybrids for Northern Iowa farmers.

This year be sure . . . See your Funk's G-Dealer now and plant dependable high-yielding Funk's G-Hybrids. They're Consistently Good . . . Year after Year!

GREAT STORIES ABOUT CORN ON YOUR RADIO

WHO, Des Moines...12:15 p.m. Sun.
WMT, Cedar Rapids..7:30 a.m. Sat.
KGLO, Mason City...7:00 a.m. Sat.
KSOO, Sioux Falls...1:45 p.m. Sun.
WNAX, Yankton.....12:15 p.m. Sat.
WLS, Chicago.....6:30 a.m. Sat.
WOW, Omaha.....12:30 p.m. Sat.
KFEQ, St. Joseph....7:00 p.m. Thur.

FUNK'S G HYBRIDS

FUNK BROS. SEED CO.
Belle Plaine, Iowa
and
ASSOCIATE PRODUCERS

Fencing FOR THE FUTURE!

Pioneer . . .
THE STRONGEST FENCE KNOT MADE

The special construction of the PIONEER KNOT makes Continental Fence semi-flexible. It "gives" under pressure, then springs back straight.

● Better farming methods and permanent pasture programs will require new and better fence. Continental Fence has many features to give it longer life and greater strength. It is made of copper steel wire that carries a heavy, uniform zinc coating, FLAME-SEALED for extra protection against rust. Continental Fence with the PIONEER KNOT is semi-flexible to withstand crowding of livestock without folding or buckling of the stay wires. This knot will not unwrap and actually tightens under strain. Only Continental FLAME-SEALED Fence with the PIONEER KNOT can give you all these advantages.

PLAN NOW FOR THE FUTURE . . . WITH THESE FREE BOOKLETS

The Building Plan Service, the Grassland Farming Manual, and the 1947 Farm and Livestock Record Book will help you plan farm improvements. Write today.

CONTINENTAL STEEL
CONTINENTAL STEEL CORPORATION
GENERAL OFFICES: KOKOMO, INDIANA

15 Types of Farm Fence, Posts, Gates, Barb Wire — 14 Styles of Steel Roofing and Siding, and Fittings — Nails, Staples, Lawn Fence, Wire Products

For larger, healthier litters . . .
Feed UNIVERSAL Mineral Feed

For those extra money making pigs next spring, begin feeding your brood sows Universal Mineral Feed now. Farmers for years have found that sows fed Universal Mineral Feed produce larger, healthier litters, and the little pigs fed Universal show bigger gains. You save on expensive feed too!

Universal Mineral Feed works equally well when fed to sheep, cattle, horses and poultry. Try it with all your livestock and solve your mineral feeding problems.

See your nearest dealer or write to
Universal Shell Co.
MUSCATINE, IOWA

When writing to advertisers, will you please mention this paper?

First Aid for Stock

Can Keep Twin Bulls For Sires

To the Editor: I have a pair of extra good bull calves that are twins. I have been told they will not be any good as sirs. Is this true?—F. W., Dallas County, Iowa.

It is true that when one twin calf is a heifer, she is usually what is called a "free martin" and is sterile. This is not true of male twins. They are as likely to be fertile as if born singly, so you can expect the two young bulls will be normal breeding animals.

There are a few instances on record where the female of a pair of twins was fertile, but they are so rare that few such twins are ever kept for breeding.

If Your Cows Fail To Breed

To the Editor: What are the principal causes of a cow failing to breed, and what may be done about it?—R. S., Lee County, Iowa.

Sometimes the ovaries are not functioning properly, so as to produce an egg at the time of heat. Sometimes the bull is at fault. Outside of that, there are four main causes: Disease, injury, diet and congenital conditions.

1. Bang's leads among diseases as a cause of sterility. Trichomoniasis is less common, but an affected cow is more likely to abort than from Bang's. A cow found to be affected with either should be isolated for such treatment as the veterinarian recommends.

2. Injury at time of birth may tear the cervix. Then infection will result. That's why the veterinarian says: "If you pull harder on a calf than two men can pull, that's too much."

Some pus discharge at the first heat period following calving is not necessarily serious. But if it persists, then breeding is nearly hopeless.

3. More is being learned about diet as it affects breeding troubles. Vitamins A and D are essential. Vitamin A is found associated with yellow and green colors in feeds. Yellow corn, green alfalfa hay, etc. But for good vitamin content, the hay must have been cured rapidly and be less than a year old. Sunshine helps to produce Vitamin D.

Minerals must be supplied also—by good roughage or by a prepared mineral with a calcium and phosphorus ratio of two to one.

4. Congenital troubles are those with which the animal is born. A free martin heifer (born as identical twin with a bull) will not breed. But all twins are not identical.

You may select a free martin in two ways—she will never come in heat, and she will have an undeveloped uterus.

A heifer may sometimes be born with a closure of the cervix, or some other malformation. In such cases, artificial insemination may succeed where natural breeding fails.

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INNES has patented features no other pick-up can imitate. Its exclusive piston action picks up the windrow as cleanly and gently as if by hand. 30 to 40% lighter, it can be attached or removed by one man in a few minutes. No need to remove sickle guards. Innes strips itself of weeds and vines, so it will not wrap or clog.

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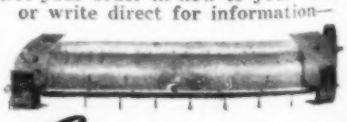

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Puppies and youngsters make a great combination on lots of farms in the corn belt.

Controlling Grubs In Cattle

To the Editor: I find grubs are beginning to appear under the hide on the backs of my cattle. This is the earliest I have ever noticed them. What treatment is best for these?—D. I. H., Harrison County, Missouri.

Apparently, grubs are appearing earlier than usual. Perhaps the life cycle was speeded up by the warm March weather last spring or the warm fall weather.

The object of treatment is to kill the grubs as they come forth. This breaks the life cycle and reduces the number of heel flies to lay eggs next spring.

If you have a small herd, treatment by hand is most practical. Apply rotenone dust thru a shaker with large holes in one end. Work the dust into the hair with a scrub brush, to reach the bumps and small openings which are made by the grubs.

It takes about three treatments. Put the first dust on a few days after the grubs appear on the cattle. Then treat twice more at intervals of one month.

Commercial rotenone dusts are on the market and work well. With large herds, a power sprayer may speed things up. With a sprayer use seven and one-half pounds of 5 per cent powder to 100 gallons of water.

Better encourage your neighbors to treat their cattle, too. The flies that hatch out from the grubs will move from farm to farm. But if a whole community treats the cattle, control is much more effective.

Isolate Calves Which Have Warts

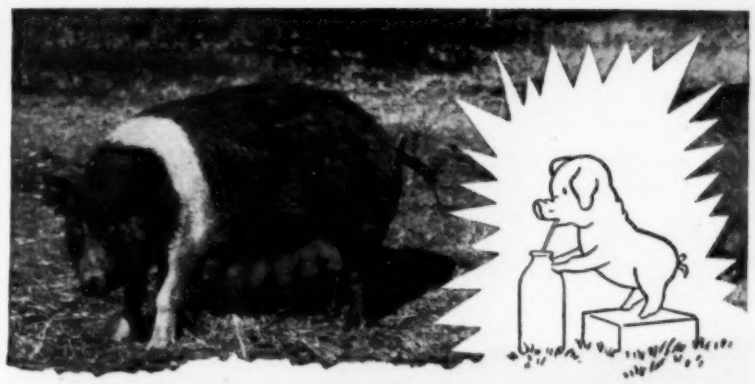
Outbreaks of warts in livestock herds can be held down better if the warty animals are separated from the rest until the warts are removed, says Dr. K. W. Stouder, Iowa State College veterinarian.

Warts are infectious. They will spread when animals get a scratch or cut and rub against warty animals or on a place where such an animal has rubbed.

Now and then warts disappear as calves grow older, but treatment is usually necessary, Stouder says.

Vaccination has been used considerably in recent years. Sometimes it works well. Stouder feels that it is inexpensive, doesn't interfere with other treatment, and can do no harm, altho it is still in the experimental stage.

Warts with small bases can be removed by clipping close to the skin with a stout pair of sterilized scissors.



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Every quart of sow's milk is worth about 1.4 pounds of gain on your suckling pigs. The average nursing sow produces about 300 pounds of milk during the 56 day suckling period. But make that sow produce more than 500 pounds of milk during that period, and you can wean 40 pound pigs! (The U. S. average is 25-29 lbs.)

★ At the Semi-Solid Experimental Farm, 27 sows, carefully fed to produce milk to their maximum inherited ability, weaned pigs averaging *41.2 pounds* apiece at the end of 56 days. An average of 8.22 pigs per litter was weaned. These sows were fed a ration which included 2 pounds of the NEW Semi-Solid PIG Emulsion per sow daily.

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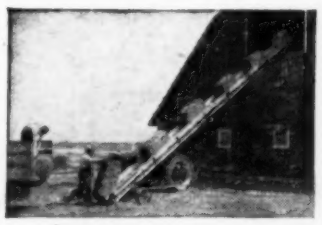

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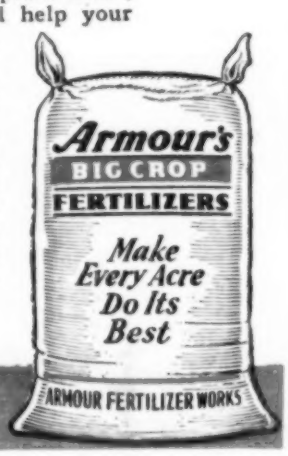

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Test Soil For One Dollar

To the Editor: How may I have my soil tested to learn what fertilizers are needed?—B. G., Sac County, Iowa.

Send a pint sample of the soil to the soils department at Iowa State College for analysis. But do not go out and scoop this off the ground at one spot. A cow might have stopped there, and the sample wouldn't be representative of the whole field.

For a 20-acre field, it is recommended that you take eight or ten samples. Throw these into a bucket and mix thoroly. Then take a pint of this composite sample, expose it to the air until dry, and it is ready for mailing.

The sample should represent the composition of the soil down to plow depth. An easy way is to dig down six inches with a spade, then cut a slice of uniform thickness along one side of the hole.

Separate samples should be submitted for low ground, side-hills and high ground.

Information sheets and mailing envelopes may be obtained at the county extension office. The cost is $1 per sample.

On the information sheet, the cropping and soil treatment history must be given, to assist the analyst in giving his recommendation (same as a doctor needs the history of a case before giving his prescription).

Each sample is first tested for lime requirement. Lime is not a fertilizer. But it neutralizes acid soils so that bacteria may operate better. Then one may get more benefit from fertilizers and legumes.

Lime also helps loosen heavy soils. But it gives no benefit on soils that are not acid. So test before liming.

Then the sample is tested for phosphorus. This will tell whether phosphate will be helpful when seeding clovers. It can't tell you so definitely how corn will respond to more phosphate, but it will give an idea of how well the soil is supplied with this element.

The same is true of the potash test. But by taking the other information into consideration, the analyst can make a fairly accurate recommendation on what fertilizers to use.

There is no test for nitrogen that means much — the amount present jumps around so. It is formed and leaches out very rapidly. The presence of humus or organic matter is one indication.

That is why history in regard to use of legumes, plant residues and manure is the best guide to nitrogen condition.

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GEO. GALLOWAY & SONS CO. (ORIGINAL) Waterloo, Iowa

Farm News Briefs

FINAL CROP goals set up for 1947 by Secretary of Agriculture Anderson call for 356,893,000 planted acres, compared with 347,863,000 acres planted last year.

▲ ▲ ▲

CORN GOAL for this year (91,250,000 acres) is 1,300,000 acres less than last year's acreage. The USDA also wants less wheat and oats than in 1946.

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NEARLY two million more acres of soybeans are wanted this year. And the flaxseed goal is almost twice the 1946 planted acreage.

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LIVESTOCK GOALS for this year call for two million fewer beef cattle, about the same number of milk cows, a big increase in spring pigs and fewer fall pigs than in 1946.

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COLD STORAGE stocks of shell eggs December 1 were five times greater than a year earlier. There were 1,675,000 cases in storage, compared with 314,000 on December 1, 1945. But stocks of frozen eggs and dressed poultry were about the same as the year before.

▲ ▲ ▲

LESS BUTTER and cheese was made in Canada and the U. S. in the last three months of 1946 than in the same period of 1945. Smaller milk production was the reason. But western Europe and Australia turned out more dairy products last quarter than a year earlier.

▲ ▲ ▲

HOG NUMBERS in the U. S. zone of Germany are up 16 per cent over a year ago and have reached 60 per cent of pre-war. Number of sows and gilts bred for winter and spring litters is at the pre-war level. But the expansion will have to stop soon for lack of feed.

▲ ▲ ▲

IN THE YEAR ending last June, complete soil conservation programs were set up on 16 million acres of U. S. farm land. The goal for the year ending next June is 30 million acres. If this goal is reached, there will be a total of 115 million acres covered by complete soil-saving practices.

▲ ▲ ▲

FARM LABOR will be a little easier to find this year, says John Fitzsimmons, head of farm labor at Iowa State College. Biggest shortage will be for short-time jobs like detasseling, canning and nursery work.

▲ ▲ ▲

BETTER MEAT chickens for Iowa will be discussed by farm leaders at 11 "Chicken-of-Tomorrow" meetings: Feb. 3, Oskaloosa; Feb. 4, Burlington; Feb. 5, Davenport; Feb. 6, Tama; Feb. 7, Oelwein; Feb. 10, Webster City; Feb. 11, Mason City; Feb. 12, Spencer; Feb. 13, Sioux City; Feb. 14, Shenandoah; Feb. 17, Creston.

▲ ▲ ▲

SOIL MINING methods of farming ruin half a million acres of U. S. land each year, says the Soil Conservation Service. Present supply is 460 million acres.

YOU'LL FIND FASTER THRIFTIER GAINS ARE IN THIS BAG

Occo MINERAL COMPOUND OELWEIN CHEMICAL CO. OELWEIN, IOWA

Here's a bagful of essential minerals. A big bag of minerals that will help you get faster, thriftier gains from your growth animals . . . minerals that will help you get peak productivity from your production stock. The minerals contained in Occo Mineral Compound will also aid in improving the general health of your livestock. They will help you make costly grain and other farm-grown feeds go further . . . count for more. Let your nearby Occo Service Man show you how to adapt Occo Mineral Compound to your livestock and poultry feeding programs. Or write direct to us for this information.

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Take advantage of this guaranteed minimum price. Get your seed stocks now and *grow more Flax.*

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Farm and Feed-Lot

Livestock Will Be Graded

Marketing specialists at both Iowa State College and Ohio University advise farmers to plan their livestock marketing carefully from now on.

Speaking of cattle, Iowa State College economists point out the scarcity of "good" and "choice" cattle now. There is plenty of corn. Present margins encourage feeding to a good finish.

But as more and more grain-fed cattle come to market, they expect the top to be pulled down. They think the better grades of cattle may show more than a normal drop in the next few months.

Lower grades may not show the normal rise, but prices on these grades are not apt to weaken.

So, these men say, keep topping your feed-lots as fast as the cattle are ready.

Back in Ohio, the livestock marketing specialists expect buyers to become more and more choosy in their hog purchases. They will weaken the market on common and lower grades and widen the spread for good and choice hogs.

That will be a new experience for a few young hog raisers. So their advice on hogs is to get rid of the poor quality animals and the older ones during the next few months. Plan to hit the fall market with "good" and "choice" pigs, for there is apt to be more of a premium on them by then.

Pullet Flock Helps Cut T. B. In Hogs

Tuberculosis has been pretty well eradicated from cattle. But hog raisers footed the bill for a two-million-dollar loss on pork condemned in 1946 because of tuberculosis. The loss to the poultry industry was much greater.

How do pullets tie in with tuberculosis in hogs? The disease in hogs is almost all of the avian type, contracted from poultry.

Dr. W. C. Logan, of the Bureau of Animal Industry, has just finished the tuberculin test on flocks of poultry and herds of hogs on the same farms in Illinois.

Last year, Doctor Logan tested 302 mixed flocks containing both old and young birds. Of the 68,755 birds, almost 8 per cent, or 5,474 head, had tuberculosis. During the same time he tested 111 all-pullet flocks. Of the 19,850 pullets, only 93 birds, less than one-half of 1 per cent, reacted.

On part of the farms where poultry was tested, the hogs were also tested. Most of the tests were run on brood sows. One herd in every three had at least one tuberculosis reactor. Of 581 hogs, 77, or about 13 per cent, reacted.

The all-pullet flock, coupled with good sanitation, will help cut T. B. in hogs. And poultry should be kept away from the hogs as much as possible. This is especially true if the flock consists of old hens as well as pullets, for the hens are most apt to have tuberculosis.

Happy Days for Sluggish Folks

WHEN CONSTIPATION makes you feel punk as the dickens, brings on stomach upset, sour taste, gassy discomfort, take Dr. Caldwell's famous medicine to quickly pull the trigger on lazy "innards", and help you feel bright and chipper again.

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MANY DOCTORS use pepsin preparations in prescriptions to make the medicine more palatable and agreeable to take. So be sure your laxative is contained in Syrup Pepsin.

INSIST ON DR. CALDWELL'S—the favorite of millions for 50 years, and feel that wholesome relief from constipation. Even finicky children love it.

CAUTION: Use only as directed.

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Recent medical reports reveal that an amazing number of children (and grown-ups too) may be victims of Pin-Worms—often without suspecting what is wrong! And these pests, living and growing inside the human body, can cause real distress.

So watch out for the warning signs that may mean Pin-Worms—especially the aggravating rectal itch. If you suspect this ugly infection, get JAYNE'S P-W right away and follow the directions.

P-W is the name of the Pin-Worm tablets developed by the laboratories of Dr. D. Jayne & Son, after years of patient research. The small, easy-to-take P-W tablets act in a special way to remove Pin-Worms. Satisfaction guaranteed or your money back. Ask your druggist: P-W for Pin-Worms!

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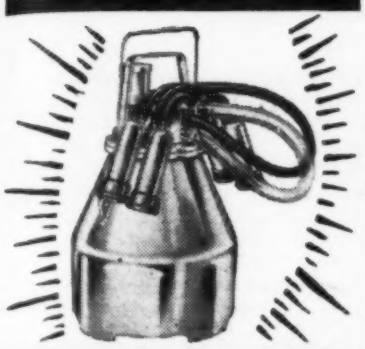

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BUY BONDS AND STAMPS TODAY !!

Dallas county, Iowa, heifer was raised by Arthur Wiese, shown above, and donated to the Heifers for Relief Project. She is now "somewhere in Europe."

Lots of Cattle Fattening

MORE cattle for feeding came into 11 corn belt states in the last half of 1946 than in any previous half-year. Direct shipments from ranches to farm and purchases thru public markets are included.

Have a lot of the cattle bought by farmers already gone back to market? Here are the figures on cattle on feed, January 1, 1947.

Cattle on feed January 1, including 12 north-central states, totaled 2,461,000 head. This was 4 per cent larger than one year earlier and 3 per cent larger than the average of the five-year period, 1941-1945, inclusive.

For the whole country, cattle on feed for market the first of the year were 2 per cent above last year and only 3 per cent below the record number on feed January 1, 1943. The national total is 2 per cent above the five-year average.

Biggest increases in cattle feeding for January 1, 1947, over January 1, 1946, are in Iowa, Illinois, Indiana and Ohio.

Iowa and Illinois feeding is up 10 per cent, Indiana up 11, and Ohio up 12 per cent over cattle feeding last year.

The above is cattle on feed. The shipments into Iowa for feeding in the last half of 1946 were 20 per cent above the year before. Illinois in-shipments were up 25 per cent. Cattle received in Nebraska were up 5 per cent and Minnesota shipments showed no change.

When will these big numbers of fed cattle come to market? Here are some reports on weights and feeding schedules.

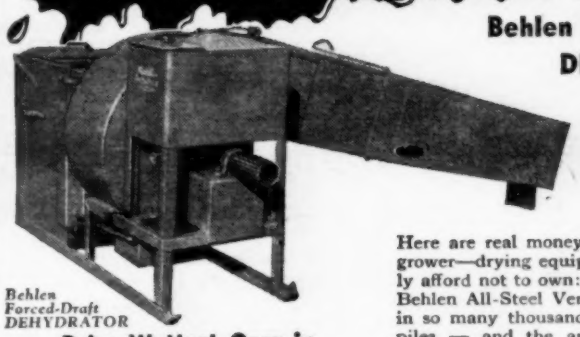
Cattle feeders report that they will feed for shorter periods this year, as compared with last year. About 56 per cent will be marketed before May 1, compared with 53 per cent to be marketed before May 1 a year ago.

Cattle on feed weighing 900 pounds or over are 28 per cent of the total this year, compared with 35 per cent in 1946. Cattle weighing 600 to 900 went up from 43 per cent last year to 46 this year. Under 600 pounds, up from 22 to 26 per cent.

Reports indicate a shorter feed on lighter cattle. That might mean comparatively light receipts of well-finished cattle at corn belt markets during the next few months.

Dry Your Corn NOW— before it begins to thaw and mold!

Behlen Forced-Draft DEHYDRATOR, Ventilators and TUNNELS



Behlen Forced-Draft DEHYDRATOR

Dries Wettest Corn in 8 to 15 Hours

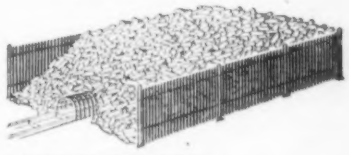
Much of this year's crop is carrying dangerously heavy moisture. When it thaws, heavy losses from mold and rot are almost certain.

Dry your corn NOW—easily, quickly, inexpensively—with a Behlen Forced-Draft Dehydrator. Forces five thousand cubic feet of air,—heated to 200 degrees, —through your corn every minute! Burns distillate; powered by motor or tractor. Easily moved. Simply attach to ventilators in cribs and corn piles. Use it every year . . . enables you to pick early, when mechanical pickers work best. Costs surprisingly little.

Get full particulars—prices, where to buy, etc. Fill out and mail the coupon or phone Behlen Mfg. Co., Columbus, Nebraska, sole manufacturers.

Here are real money-savers for the corn grower—drying equipment you can hardly afford not to own: Handy, inexpensive Behlen All-Steel Ventilators, now in use in so many thousands of cribs and corn piles — and the amazing new Behlen Forced-Draft Dehydrator. . .

Dry Corn in Cribs or Piles



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Play safe with Hamilton's Hawkeye Hybrid. It's always dependable and you get greater value and better returns. Arrange now for your 1947 seed from your nearest Hawkeye dealer.

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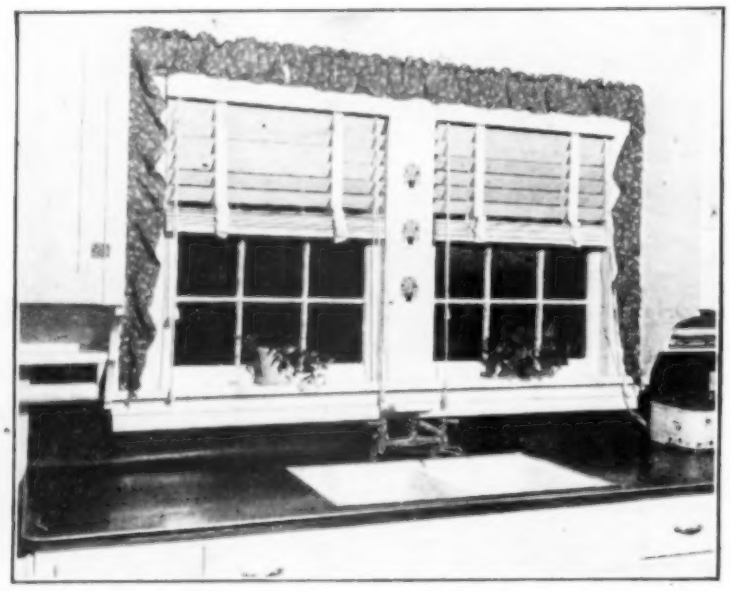
Edited by **ZOE MURPHY**



Instead of a glass curtain, a ruffle of gingham, glazed chintz or starched feed-bag print may frame a kitchen window. Here, red and yellow chintz repeat color of the linoleum on surface of the built-in cabinets.

Window Charm

THE right decorations at the windows are as important in your rooms as the fluffy coconut frosting is to a white cake. Rightly used, glass curtains and draperies together will do the trick, or you may use either one alone.

In referring to glass curtains, we mean sheer curtains covering all or part of the glass. They do much more than add charm and livability. They subdue glaring light, give partial privacy, and often frame a lovely view in the garden, orchard, pasture or woodland.

After the scarcities of the war years, there is satisfaction in once more being able to choose from a variety of curtain materials.

A trip to the nearest home furnishings department will reveal such fabrics as cotton and rayon marquisettes, some of which have a permanent freshness and luster even after washing.

Then there are voile, ninon, filet net, bobbinet, cushion dotted marquisettes, organdie, dotted swiss and scrim.

Sheerness which permits a fabric to fall in soft folds is a desirable quality. As to color, cream, ivory, white, ecru and yellow tints are favored, for they give a pleasing light.

White curtains are especially attractive in rooms with tinted walls of pale blue, pink, yellow or green.

When the walls and glass curtains are both white, try a scheme carried out by a friend of mine. She outlined the window with a narrow wallpaper border in color, repeating in tints the deeper colors of the braided rag rug.

Glass curtains of pale green, blue, pink and other colors often prove disappointing. They may lose their color, the light they cast isn't as pleasing as the sunny colors, and from the outside they are a jarring note in the general window treatment.

Styles of curtains continue to be the straight hanging, tailored type, ruffled tie-backs, double Dutch curtains and cottage or sash curtains.

The first two are most popular—the straight hanging type because they are adaptable to many styles of windows and rooms. Ruffled tie-backs fit into any room with an informal setting.

Double Dutch curtains consist of a double pair of sash curtains, one hung at the top of the casing, slightly overhanging the other pair on the lower sash. Both pairs may be left open or closed.

When the upper pair is made with pulls for easy operation, they may serve in place of a roller shade or venetian blind if the material is sufficiently heavy. Sash and cottage curtains are used in kitchens and bathrooms.

To give a unified appearance from the outside, all windows on one floor on one side of the house should have the same style of curtains.

Look for attractiveness and serviceability when you buy ready-made curtains. The best way of being sure that you are getting your money's worth is to study the labels of the manufacturers who tested them for service.

Is the fabric washable, or must it be dry cleaned? Will it shrink? If so, how much? Is it resistant to strong sunlight? What of the quality? How wide and long are the curtains? These are questions to be answered before deciding.

Before buying, examine the way the curtains are made, noting the finish and straightness of hems, that the ruffles are neatly made and stitching well fastened. Note width and fullness of ruffles.

For attractive fullness, a pair of glass curtains should measure one and a half to two times the width of the window. When they are very sheer, more than one pair to a window may be very effective.

Adjust curtains to windows for length. If excess is not too great, make it into a blind tuck on wrong side, directly under top hem and blind stitched to it. Before washing or dry cleaning, remove tuck.

Straight hanging glass curtains may hang to floor, to lower edge of apron or to sill, if draperies are to be used. When draperies are not used, curtains should reach lower edge of apron. Ruffled tie-backs may reach to bottom of apron, to top of baseboard or to floor.

When you make curtains, buy material for beauty and service. Cheap materials take as much work and won't be as satisfactory or long-lasting.

Carefully measure the window first. To do this, pin one end of a long piece of tape to the curtain rod, then anchor it at sill or wherever curtain is to end. Now measure tape with a yardstick and add a half-inch. To this add amount necessary for a hem—two and a half to three inches, altho short windows may need less.

If material is very sheer, double hem allowance for a double hem. Add same amount for top hem, so curtains can be reversed for longer wear. Allowance for shrinkage should be made also. If there is no statement on label as to shrinkage, allow at least two inches per yard to be on the safe side.

Studies made by the Bureau of Home Economics indicate that a high shrinkage is to be expected in marquisettes. For curtains made of high count, all-cotton fabric, allow two to two and a half inches per yard; for fine all-rayon marquisette, allow from five to five and one-half inches per yard.

Multiply amount needed for one curtain by number of curtains required. There must be two lengths for each window. Now divide by 36 to get the number of yards.

When it comes to making the curtains, here are directions to follow:

Pull a thread at one end of the fabric to obtain a straight edge before measuring.

Lay the material on a large table or on the clean floor, being very careful neither to pull nor to stretch it. Measure with a yardstick the exact amount as determined, then pull a thread and cut on the thread line.

To avoid puckered side hems after the curtains have been laundered, remove the selvages by cutting on a lengthwise thread.

Make side hems one inch wide, so that the curtains may be interchanged to distribute wear. To speed the process of making, measure with a thin cardboard gauge, made slightly less than one inch in width.

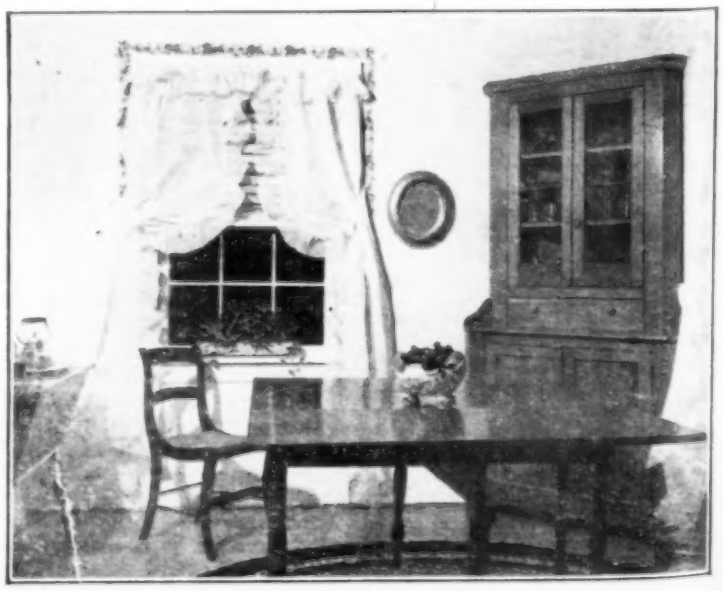
Lay curtain edge on the long way of the ironing board and press the first fold over the gauge, moving it along entire length of curtain. Then make another inch fold, resulting in a double hem.

Sew hems with a long machine stitch, 10 to 12 stitches to the inch, with loosened tension to prevent puckering after washing. Back-stitch an inch to fasten threads. Hems may be sewed by hand.

To make the top and bottom hems, follow the above method in folding, pressing and stitching, if material was allowed for a double hem. Otherwise, turn the raw edge under one-fourth inch. Be sure the finished edges meet perfectly at the sides.

Top finish is usually a heading and casing, the latter wide enough to permit rod to slip thru easily, yet give a trim appearance. Use a long machine stitch for easy removal at a later time when top and bottom are reversed.

Pin and baste the excess material in a tuck on the wrong side near the top hem, to allow for shrinkage. Now hang the curtain and check for the correct length.
—Orinne Johnson.



To make a contrast with the billowy white organdie curtains as seen against a white wall, a colorful wallpaper border frames the window.

Smart Dresses For Daytime

No. 8122—For the grade school miss. Square yoked with puffed sleeves and bow trim. Sizes 4, 6, 8, 10 and 12 years.

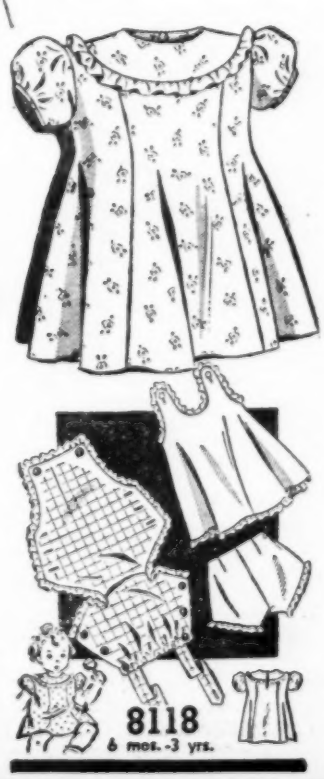
No. 8005—This favorite will be effective in a striped fabric, used in contrast for yoke and sleeves. Sizes 13, 14, 16, 18, 20, 40, 42 and 44.

No. 1577—Youthful date dress, sure to delight the 'teen-ager. Keyhole neckline and tricky pockets. Sizes 11, 12, 13, 14, 16 and 18.

No. 1569—Exciting party dress with wide sash that ties pertly in back. Sizes 1, 2, 3, 4, 5 and 6 years.

No. 8080—Buttons circle one shoulder and one hip to accent this striking junior frock. Sizes 11, 12, 13, 14, 16 and 18.

No. 1603—Here's a crisply tailored go-everywhere dress which features a smart diagonal closing. Sizes 12, 14, 16, 18 and 20.



No. 8128—Simple daytime frock that every woman admires. Add bouquet and a row of unusual buttons. Sizes 36, 38, 40, 42, 44, 46, 48, 50 and 52.

No. 8118—For the youngest member of the family, an adorable four-piece wardrobe that's fun to make. Sizes 6 months, 1, 2 and 3 years.

No. 8982—Add a touch of glamour to your wardrobe with an exquisite nightgown and matching jacket. Sizes 12, 14, 16, 18, 20, 40 and 42.

No. 1598—Feminine and very flattering—a well-fitting frock for special dress-up occasions. Sizes 14, 16, 18, 20, 40 and 42.

Patterns may be secured for 20 cents each, in coin or stamps, coin preferred. Send orders to the Pattern Department of Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa. In order to avoid any delay in mailing, allow sufficient time for your order to reach you.

Send an additional 25 cents for your copy of the SPRING issue of FASHION. Specially designed fashions, personality charts, tips on closet problems, free pattern printed inside the book. Address Pattern Department, Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa.

Serve Hot School Lunch at Noon

Teacher will have an easier afternoon because Johnny had some "eating food" at noon. Johnny will enjoy it, too.

IT HAS been good news to some 750 schools thruout the state of Iowa to know that hot school lunches are now a part of a permanent program. In other years, there was always some question as to whether the appropriation from the government might continue another year.

This impermanence and uncertainty made the purchase of the necessary equipment for these lunches a little hazardous. But now the money has been allotted for a definite continued program.

It is good news, too, to know that under the present program there is a fund to help purchase equipment for schools where it can not otherwise be secured.

The government still reimburses the schools serving these hot lunches, 9 cents for each Type "A" lunch served and 7 cents for each Type "B" lunch served.

The program is full for the present school year, but if your school plans to have these hot lunches next year, it is a good idea to write for an application blank now, to the Superintendent of Public Instruction, at Des Moines, Iowa.

Beverly Campbell, a Guthrie county, Iowa, schoolgirl, eats a cold lunch, but perhaps she will have a hot lunch next year.

Miss Dixie Titus, of Union School No. 9, Guthrie county, Iowa, uses a two-burner electric stove to heat water for children to wash before eating. Betty Shoesmith and Robert Sorenson are getting ready to eat. There are 11 students in the school.

Electric stove was purchased with money saved from lunches last year. Will be used this year to help serve. Older children help Miss Titus with the preparations.

Another one-room rural school that has served noon lunches for a number of years is Lincoln school, Appanoose county, Iowa. The lunch program has made healthier, happier children.

Mount Prairie School No. 3, Jasper county, Iowa, has a good basement and some equipment, but no regular lunch program. But the mothers in the neighborhood very often serve lunches to the children at the school. Here the children form in line while the teacher, Mrs. Vada Phares, fills up their plates.

COUNTRY AIR

By ELIZABETH C. WHERRY

THE most unbecoming garment women ever wear is the square head scarf. It can be of rough, swanky wool, gay peasant colors, or a huge square of white cloth resembling an oversized diaper.

* * *

Tied snugly under the chin, it leaves a straight line around the face that enhances nothing. Its crumpled lines at the back are sloppy, and when a girl takes the white diaper type and folds it as an unbalanced triangle, so it will hang down still longer at the back, it is just plain untidy.

* * *

Pretty gray-haired women—with the rosy cheeks that so often accompany gray hair—add 10 years to their age by tying a pastel colored scarf tightly over their heads.

* * *

A smartly groomed girl ties a bright woolen square over shining tresses—and looks like a weary peasant.

* * *

If people just looked funny, all could be easily explained—Women and Headgear. But head scarfs are so comfortable, sensible, keep the ears warm, protect the throat, are handy and inexpensive. Whoever heard the like? What's come over the creatures—being sensible like that?

* * *

That's not all that's not right in the picture of the little woman's illogic. Take slacks, now. They're even more obviously unbecoming than square head scarfs.

* * *

Many a plump woman's face is still sweet when bound about by a head scarf. But there is little—in fact, nothing—that can be said for a plump woman in slacks.

* * *

Wool slacks, a fur coat and a head scarf tied peasant fashion certainly make a fantastic looking outfit. I don't know whether they call it casual or smart. Or either. But certainly it's more sensible than nylon-clad legs marching with empurpled stride up a snowy street.

* * *

Slacks, of course, are warmer for wearing to school. They are more modest for gardening, picnicking and for sports. They save a lot of time otherwise spent in tugging at inadequate skirts to pull them over the knees.

* * *

Slacks are nice for housework, easy to kneel in or crawl around to dust corners, have pockets to put things in, and there's no telltale swishing of skirts to let everybody know you're in a hurry.

* * *

But somehow the feminine form isn't built for slacks to glorify. Women need bigger feet (like men) to give base to the design. And they need smaller——

* * *

Oh, what's the use? That's the way people are built, and if you can't be both beautiful and comfortable, maybe it signifies some sort of national advance in common sense that health and convenience are considered before looking pretty.

* * *

"Have you got any comic books?" A librarian in a small town says that's the first question children ask. The answer is: "I have, but you can't take them out of the library."

* * *

She philosophically remarks that "When they are sitting there reading comics they are exposed to the books about them and they are not out in the streets."

* * *

She adds: "They will outgrow the comics in time." Sister, that's where you're wrong. The man of the house—and I'll wager there are thousands like him—wouldn't think of missing his daily comics. Editorials rank farther down the list in importance.

* * *

There's probably no need to fly in the face of something so universally in demand. The fantastic activity in the funnies must supply some escape from the humdrum workaday world for adult fans, and some element of the heroic for our "poorly-taken-care-of and pushed-around" juniors.

* * *

I'd like a new name for comics. "Fancies," maybe, instead of "funnies." Nobody ever saw a child laugh over modern funnies.

HOME BUILDING SERVICE

Closets For Convenience ..... **25 cents**
Suggestions for building new closets and for rebuilding old ones.

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Suggestions for planning your kitchen to save steps as well as time and work.

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A house planned to meet the needs of farm living.

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Butter-Nut Always Has Such a Wealth of Rich, Delicious Flavor . . . . .

Butter-Nut is so full of flavor it goes lots farther than other coffees—and every cup is downright delicious! It is the one coffee that pleases my men folks best. It is rich, with plenty of body. It is mellow and smooth Butter-Nut always gets its flavor exactly right!

The Best Costs Less Than a Penny a Cup

Money cannot buy better coffee than Butter-Nut—it is the very top of fine quality. Yet Butter-Nut costs you less than a penny a cup! So buy Butter-Nut! Give your family the very best.

There Just Isn't Any Coffee Better Than Butter-Nut

Butter-Nut is a blend of the very finest coffees the world produces. Second choice coffees are never used. It is the favorite coffee in more than a million homes. At less than a penny a cup, Butter-Nut is the coffee your family should enjoy every day. It is tops for flavor!

BUTTER-NUT GLASS JARS ARE REAL FRUIT JARS. SAVE THEM

Butter-Nut "The Coffee DELICIOUS"

THE FARM FAVORITE!

Just like at the Florists

3 pkts. Beautiful and Fragrant

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3 Gorgeous Colors FREE!

Delightful Fragrance
Hardy as Zinnias
Bloom all Summer

Yellow—You'll love this one.
Pink—The daintiest of all.
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Not Enough Milk!

★ A WALLACE-HOMESTEAD POLL ★

IN 1942, not too long after Pearl Harbor, we took a survey of Iowa farmers to find out how much milk was used at home.

Those were the early days of the war. There was a great deal of urgency to keep our families healthy. We had a war in two areas ahead of us. And nutrition was the subject of a lot of talk.

Nutritional standards called for a quart of milk for every child and a pint for every adult. At that time, the price of butterfat was 42 cents a pound.

The survey showed that 80 per cent of all the farm families were getting one quart of milk a day or over, per person. Only 20 per cent were getting under that amount. A good record, altho we wish it could have been 100 per cent.

A few weeks ago, we decided to ask our farm folks again how much milk they were giving their children. The war urgency is past. But we hoped that the lessons of nutrition were holding over into times of peace.

We interviewed several hundred farm women. There was about an equal division of women under 30 years of age and those between the ages of 30 and 49.

The younger women are mothers of the little children and babies, and the older ones are assumed to be the mothers of the growing adolescents who need and demand to be filled with nourishing food. In this way, we try to balance our records.

But the over-all picture is not good. We found that, instead of

Elaine Stevens, of Henry county, Iowa, takes care of her end of milk consumption with enthusiasm.

80 per cent of our farm children getting a full quart of milk a day now, there are only 62 per cent, and 38 per cent are getting a pint of milk a day—or less!

What has happened? Why aren't our farm children getting their share of milk? The price of butterfat—when this last survey was taken, several weeks ago — was 93 cents. Twice as high as it was in August of 1942.

In our 1942 survey we found that our owner families did a little better than renter families. We thought this was because owner families were somewhat better off and weren't pressed so hard to sell dairy products.

But that formula didn't work this time. To our surprise, we found in the recent survey that renter families were 10 per cent more numerous when it came to giving the children a quart of milk

Mrs. Sam Erwin, Henry county, Iowa, believes that children should have a quart of milk a day.

a day. Do you know why? We don't, either, but here are the figures.

We expected the families living on larger farms to have a larger percentage using a full quota of milk a day. But it wasn't so very much larger, for 59 per cent of those living on farms of 175 acres and over gave the full amount of milk to their children. Just 52 per cent of those living on farms under 175 acres said they did as well.

On the smaller farms in our previous survey, 72 per cent were up to standard. It's a big drop all around.

We found that 60 per cent of the women in the age group between 30 and 49—these are the mothers of the adolescent boys and girls—gave their children the milk they needed. And 51 per cent of the younger women.

Maybe the older children demand more food, and milk is easy nourishment. But children of all ages need the nourishment that milk can afford.

Women who were members of the Farm Bureau, and who, thru this organization, had many lessons in nutrition and its value, were just 3 per cent better than the non-Farm Bureau women.

We often use a feature called "It Happened in Iowa." But when we read this survey, we began to think that "This can't happen in Iowa." But it has, and does. There are almost one-third of our farm children who are not getting their share of the milk they need.

How is it in your home and in your neighborhood? Are folks you know using less milk than they did before the war?

We'd like to hear from readers. Tell us how farm people can get back to higher standards of milk consumption.—Z. R. M.

Page County Program

WE DON'T know that we have the method for selling education down in Page county, Iowa. But we did put some spring tonic into this winter's rural women's program.

Now, to some folks, getting 750 women out to a county extension meeting may mean small potatoes. But to us it was a glowing achievement. Mainly because last year there were only 229 women who came to our home economics meetings during the entire year. And those, for the main part, were the loyal followers in the county who felt it their duty to attend.

So, we figured we needed a stimulus of some sort—something that would draw women to our door rather than our having to knock at theirs to sell information on better living for the family.

We needed something new, and big—something exciting. But we consulted the rural women of the county first before we made any move.

In a county-wide survey, we asked the women what type of a meeting they would like to have in extension home economics—a local township meeting, a community meeting, or a county-wide show. More than 64 per cent of them asked for the county show.

That was the "Go" signal. We outlined the type of program we hoped to develop; then presented it to the chamber of commerce and got it back of us.

Next stop was the local newspaper office, to outline a publicity campaign. With the editor's help we planned a series of stories and pictures to run for the next five weeks up to the date of the show.

We used direct mail invitations to every rural homemaker in the county; we sent special invitations to every club in the county; we talked, talked, talked the Home Furnishing Show, January 7.

In our county women's committee, we set up special sub-committees to handle all details of the show. There was a sub-committee for child care, one for invitations, for program, for food preparation, for transportation, for exhibits and as hostesses. They worked like troupers and felt that it was up to them to make the show click.

We used variety in our program. Charles Shockley, reupholstery expert from Ames, gave suggestions on fixing up old furniture and tips on how to buy substantial furniture on today's limited market.

Honore O'Brien told how to refinish and care for furniture with wax. Then, as another drawing card, we used musical talent from all parts of the county.

For the benefit of the young mothers, we set up a child care center in connection with the show. It was handled under the supervision of Grace Dricken, the Clarinda high school home economics instructor.

Home economics girls took care of the children for the day, to get practical experience in a child care course they were studying.

We handled the noon meal thru a cafeteria "shift service." Methodist women of Clarinda prepared and served more than 600 in an hour and a half.

For those with a few idle minutes on their hands we had an exhibit set up on methods of reupholstering and refinishing furniture.

With an Iowa State College bulletin in hand, the women followed down the line and saw the procedures for refinishing and reupholstering and examined furniture that had been redone by women of the county.

Comments from the women attending proved very favorable. They said they liked "getting the information first-hand from the authorities." And they liked "visiting with folks from the other side of the county."

And we felt that it went over well enough to try it again—three more times — first with kitchen planning; the next month with child care, and the next month with new fabrics.

Whether attendance and interest will stay high, we don't know. This is an experiment resting on hope and a lot of cooperation.—Virginia Harding, County Extension Home Economist, Page County, Iowa.

Clarinda high school home economics girls took care of the children at the Child Care Center of the Page County Home Furnishing Show.

THE BOYS SAID "NO"—But I'm making this Offer anyway!—HENRY FIELD

HURRY. DON'T WAIT—Am making this amazing offer to get acquainted with new gardeners. But don't have too big supply of seed, so get your order in right away. Will send along my 1947 seed and nursery catalog, and a FREE subscription to my magazine "Seed Sense."

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First, make a syrup by stirring 2 cups of granulated sugar and one cup of water a few moments, until dissolved. Or you can use corn syrup or liquid honey, instead of sugar syrup. Get 2½ ounces of Pinex from any druggist, and pour it into a pint bottle. Fill up with your syrup. This gives you a full pint of really splendid cough syrup—about four times as much for your money. It never spoils, and lasts a family a long time.

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BUY U. S. SAVINGS BONDS

Problem Windows

SOMETIMES it is desirable to have kitchen windows without glass curtains, to admit light and air. When that is the case, they may be framed with ruffles the width of the frames.

Made of gay, colorful, glazed chintz, or of stiffly starched gingham or feed-bag print, they will add interest to the kitchen. And think of the ease of washing and ironing.

The ruffles should be thumbtacked to the frames thru the headings, so they cover the top and side casings.

Many homes have three windows in a grouping, the center one sometimes being larger than those on the sides. Treat them as one window by hanging glass curtains from a long single rod extending across all three windows.

Three pairs of curtains will be necessary, if the material is very sheer. If draperies are used, hang one at either side of the grouping.

A friend of mine made unusual curtains by combining draperies and glass curtains for her pink-and-blue bedroom in her farm home.

Using white gabardine for the floor-length, tied-back draperies, she finished the inside edges with a big scallop outlined by a saucer's edge.

To give a glass curtain effect, she made a six-inch-wide ruffle of dotted swiss, finishing it with a narrow embroidery edging. The ruffle was sewed under the scalloped edge (which she had faced), giving the effect of an entire dotted swiss curtain under the drapery.

Roller shades or venetian blinds are desirable for privacy, to modify light, and to keep out the sunshine of summer.

Roller shades of good quality oiled cambric do not crack, break or develop pinholes. Those of translucent fabric often give better service than those of heavier fabric. Altho they permit a soft light to show thru to the outside, they can not be seen thru.

Shades of cellulose fiber or paper are less costly. Naturally, they do not wear as well, but they do serve a purpose.

Inasmuch as roller shades are a part of the background of a room, they should be inconspicuous. They look best fastened to the sash next to the glass. Straight hems, rather than those which are scalloped and finished with fringe, are desirable.

Choose a color that blends with the walls, such as eggshell, buff, ivory or light tan. Two-toned shades — white or buff on the inside and green on the outside—are quite satisfactory.

All should be the same thruout the house, to give a unified appearance from the exterior, and all should be pulled to the same level. When the window is pleasing in proportion, the shade may be rolled to the top.

Venetian blinds regulate light and air, and can serve as a smart decorative note. Draperies used with them give a softening effect, and, altho glass curtains are not necessary, they may be used if desired.

Venetian blinds to match color of woodwork and walls carry out the idea of having the background inconspicuous and pleasing. Sometimes colored tape is chosen to repeat a drapery color. Before that choice is made, check carefully to see that it is a fast color.—O. J.

You Will Find It A Good Idea---

To scald chickens at 150 degrees. It will pay in picking time to get the dairy thermometer out each time there is a chicken to scald. Folks with automatic water heaters set at 150 degrees won't need to heat water.

To make a pastry cooling rack. (Mrs. I. Baungardener, Ida county county, Iowa, has one she has used for many years.)

In making the rack, heavy galvanized screen is attached with molding to a tray frame on small legs. Pastry quickly cools without soiling a cloth or absorbing newspaper ink, and without penetrating or steaming thru to the table tops.

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COOKERY CORNER

Pecan Cake

1 cup of pecans
2 tablespoons of flour
2 level teaspoons of combination baking powder

Mix together after pecans have been rolled or chopped.

3 eggs, separate
¾ cup of sugar
¼ teaspoon of salt

Beat yolks, salt and sugar together. After egg whites are beaten, add first mixture to whites and fold in yolk and sugar mixture last. Bake in a 350-degree oven for about 40 minutes.—Mrs. Glen R. Cass, Sac County, Iowa.

Potato Griddle Scones

2 cups of sifted flour
1 teaspoon of salt
3 teaspoons of combination baking powder
3 tablespoons of fat
1 cup of cold mashed potatoes
1 egg, beaten
⅓ cup of milk (about)

Sift together flour, salt and baking powder. Cut in fat with two knives or a pastry blender. Blend in potatoes. Mix egg and milk; add to first mixture. Mix slightly. Roll three-eighths inch thick and cut into squares. Bake slowly on a hot greased griddle or in a frying pan. Turn several times to cook thru. Makes 10 to 12. For a main dish, pour creamed leftover meat, fish or vegetables over the scones.—Mrs. John F. Dvorak, Cerro Gordo County, Iowa.

Caramel Sour Cream Cookies

½ cup of butter
⅔ cup of brown sugar
1 egg, beaten
½ cup of sour cream
2¼ cups of sifted flour
½ teaspoon of salt
1½ teaspoons of combination baking powder
¼ teaspoon of soda
½ teaspoon of nutmeg

Cream butter. Add sifted brown sugar, and cream well. Add beaten egg to sour cream. Mix and sift flour, salt, baking powder, nutmeg and soda together. Add alternately with the egg and cream mixture to the creamed butter and sugar. Chill thoroly. The dough is very soft and may be molded without chilling with a cooky molder. If rolled, take a small portion at a time from the refrigerator, roll lightly and quickly on a floured cloth-covered board, cut and transfer to a cooky sheet with a spatula. Sprinkle with sugar. Bake in a moderate oven.—Mrs. Bud Crawford, Wyandotte County, Kansas.

Chocolate Charm Dessert

2 cups of milk
4 marshmallows
¼ cup of sugar
1 tablespoon of cornstarch
⅛ teaspoon of salt
3 tablespoons of cocoa
2 egg yolks
1 teaspoon of vanilla

Scald milk, add marshmallows and dissolve. Mix together sugar, cornstarch, salt and cocoa. Mix well. Add egg yolks, slightly beaten. Add scalded milk and melted marshmallows to egg mixture, stirring. Cook in double boiler till mixture coats spoon, stirring constantly. Cool. Add vanilla. Serve it while chilled, topped with whipped cream or peaks of uncooked meringue (made by beating two egg whites stiff with one-fourth cup of sugar). Serves four to six.—Mrs. Lester Adkins, Poweshiek County, Iowa.

Fish Chowder

¼ cup of salt pork
⅓ cup of onion, diced
2 pounds of fish (haddock or other white fish)
2 cups of potatoes
2 teaspoons of salt
¼ teaspoon of pepper
1½ cups of water
4 cups of milk
2 tablespoons of butter
2 tablespoons of flour

Cube the salt pork and cook over low heat until almost crisp. Add onion and simmer for about five minutes, or until soft but not browned. Remove skin and bones from fish and cut into pieces. Add (with potatoes, seasonings and water) to salt pork and onions. Cover and simmer 15 to 20 minutes until fish and potatoes are tender. Scald milk. Melt butter and blend in the flour. Gradually stir in hot milk. Combine thickened milk with fish mixture. Simmer a few minutes longer. Makes six servings.

Banana Milk Shake

Slice a large, ripe banana, mash fine, add two tablespoons of white corn syrup and one egg. Beat with rotary beater until smooth and light. Add enough whole milk to make two glasses. Especially nice for children and invalids.—Mrs. B. P., Richardson County, Nebraska.

"Look, Mom, what I can do!" Diane Lee Atwater is nearly able to sit up now. She is the daughter of Mr. and Mrs. Paul Atwater, Hamilton County, Iowa.

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LESS WORK
to bake better
bread and rolls

Red Star *Dry* Yeast starts working immediately. It makes bread making downright easy, saves you time in mixing, rises *quickly*, gives "easy kneading," greater "oven-spring" and extra flavor.

Buy a supply of this amazing new yeast today. It needs no refrigeration, stays fresh on your pantry shelf for weeks. Once you try Red Star *Dry* Yeast you'll never use any other kind.

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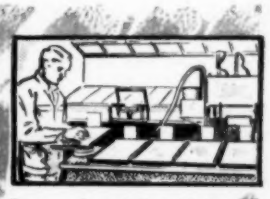
RED STAR
DRY YEAST
KEEPS FRESH IN THE PANTRY

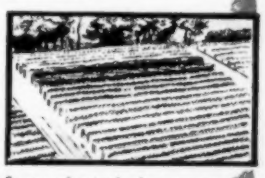
Earl May's
TRIPLE TESTED
GARDEN SEED

More food and finer food when you plant Earl May's Garden Seeds because they are TRIPLE TESTED. Every packet is Laboratory Tested to give you (1) high germination. Scores of actual plantings in our test gardens bring you (2) the finer, higher yielding varieties. Truck loads of vegetables from these gardens are Taste Tested by our seed house families to assure you (3) the tenderer, better flavored strains of vegetables.

Have a "grocery store garden" this year For those bigger yields of the really finer vegetables be sure you plant Earl May's TRIPLE-TESTED Seeds.



Every packet of Earl May's Garden Seeds is **LABORATORY TESTED** to assure you high germination



Scores of actual plantings in our **TEST GARDENS** search out the heavier yielding, finer flavored vegetables for Earl May's customers.

TABLE TESTED as the final step to assure you of the finer textured finer flavored varieties.

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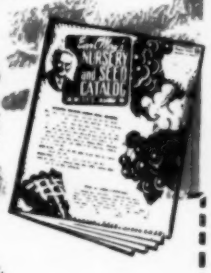
68 big pages—24 pages in full color—it's the "book of the year" for every gardener and flower lover Send coupon today.



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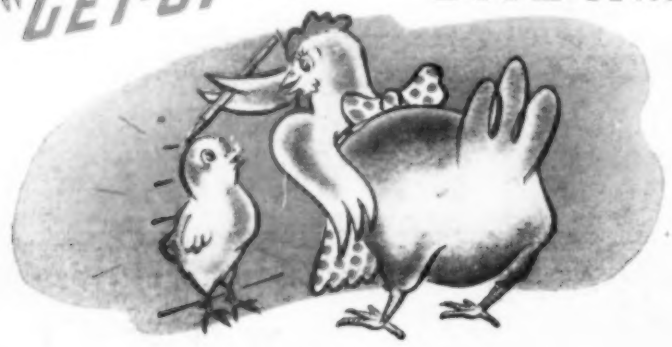

Dr. Salsbury's REN-O-SAL

Drinking Water Medicine

Gives Your Chicks FASTER GROWTH, QUICKER MATURITY, EARLIER EGG PRODUCTION

as *Test-Proved*, Using Customary Feeds

Give your chicks these tonic benefits by using Dr. Salsbury's Ren-O-Sal in their drinking water. Two Ren-O-Sal tablets-to-the-gallon helps them *grow faster, mature quicker* and reach that laying house *sooner*. These benefits have been substantiated using customary feeds.

Thousands of poultry raisers praise Ren-O-Sal for its many tonic benefits. *Easy to use.* Just drop *handy* tablets into the drinking water . . . *mix thoroughly. Economical. Safe* in any waterer—even metal.

For best results, give your chicks Ren-O-Sal in the drinking water right at the start and during their entire growing period . . . watch them *"get-up* and *GROW!"*

***Prevents* Spread of Cecal Coccidiosis**

Dr. Salsbury's Ren-O-Sal, in 8 tablet-to-the-gallon doses, *prevents* the spread of *cecal (bloody) coccidiosis.* Give your chicks this treatment upon *first sign* of an outbreak (bloody droppings).

Get the large *economy size package* of Ren-O-Sal right when you get your chicks. Buy at hatcheries, drug, feed, other stores.

DR. SALSBURY'S LABORATORIES, Charles City, Iowa

A Nation-wide Poultry Service

Disinfect Brooder Houses with PAR-O-SAN

Get *easy, pleasant* brooder house disinfecting with Dr. Salsbury's Par-O-San. *Efficient*—yet safe ...won't harm even baby chicks, used as directed.

Dr. Salsbury's REN-O-SAL

Double-Purpose DRINKING WATER MEDICINE

BUY WHERE YOU SEE THIS EMBLEM

1 STIMULATES GROWTH (3 tablets per gallon)

2 PREVENTS CECAL COCCIDIOSIS (8 tablets per gallon)

THESE FEEDS IN 1947

Bolson's Hi-Test Mineral Protein Conditioner for hogs over 75 lbs., and for fattening cattle, calves and sheep. It's the proven blend.

Bolson's 20% Pig and Sow Meal with Buttermilk for your sows with pigs and your baby pigs.

Bolson's 36% Concentrate for mixing feeds with your own grains.

Bolson's 20% Breeder Egg Mash **Bolson's 26% Grain Balancer**

Bolson's 19% Contented Peep Chick Starter

Bolson's 17% Starting and Growing Mash

YES, THESE FEEDS—tie to them in 1947. They will save you money—and they will produce for you better Livestock and Poultry. It is our pledge to make them the finest **Bolson Feeds** ever manufactured.

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The L.C. BOLSON Co.

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DECORAH, IOWA.

Information Please, Mr. Lewis—

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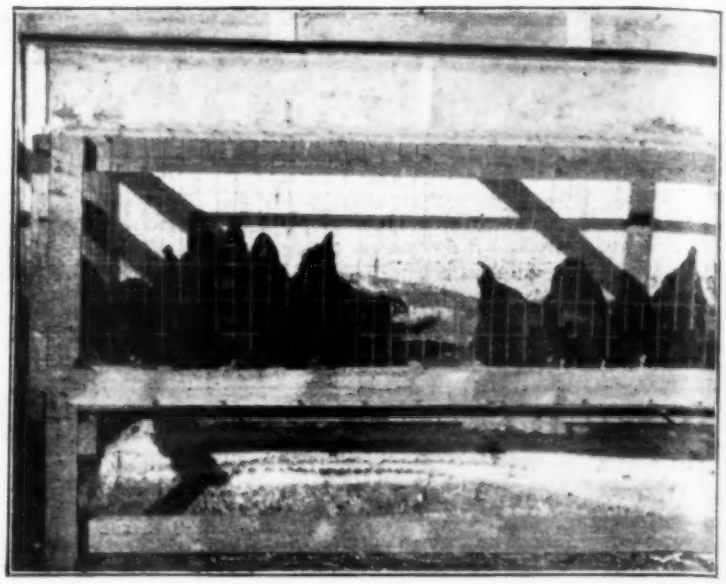
THE FARM FLOCK



Restless hens often start picking. Sun-porches, along with proper feeding program, help reduce restlessness. This porch is on Paul Tonkinson farm, in Des Moines county, Iowa. Note feeders.

Picking Is a Problem

But Proper Flock Management Will Help

THESE changeable days tend to make our hens restless. When the sun shines brightly and the house gets up to almost summer temperatures in the afternoon, you can expect to see the hens thinking about getting broody and ready to pick your hands when you gather eggs.

I control that by wearing a glove on my right hand, raising the hen up with that hand, and slipping the eggs out with my bare left hand. Bare fingers are more sensitive and fewer eggs are cracked.

But the worst of this picking urge comes out in cross, scrappy birds that want to fight each other off the nests. They often manage to draw blood on themselves, each other or even on the roosters. A taste of this blood starts a lot of trouble.

We have had some trouble with cannibalism thru the years. We've read everything we could get our hands on that might help. We believe we know all the answers:

Balanced feed, preferably cafeteria style, so they're never without something to eat, water at drinking temperature, granite grit, oyster shell, green alfalfa.

These all help. Without them, outbreaks would be far more frequent. But they do not solve the entire problem.

Some authorities say salt in the drinking water helps. It may satisfy the craving temporarily. But recent research discourages using salt, as it leaves something in the system of the chicken which is not good if that hen is to be used for hatchery stock.

Sun-porches on the south help a lot. They give a complete airing, which is sure to help take away restlessness. The trouble is that on many sunny days in the winter there is too much snow inside the porches to make it sensible to turn hens out.

Mechanical devices do stop picking. We have used them, but we never enjoyed the weird looking flock which resulted. Maybe I imagined it, but it seemed to me there was never quite the freedom in eating and drinking.

The electric debeaker seems to have slipped in quite generally in our part of the state. Most good operators seem to have them now. The debeakers are simple to use, and we have had no bad results at all.

The upper part of the beak is cut off short enough that the birds can not pick anything hard enough to hurt. It does not interfere with eating or drinking, and the hens seem to be unaware that anything has happened to them.

The bill grows out again in three or four months, so it is well to do the cutting pretty late in the season. Our hens are beginning to get a little saucy now, and may have to be debeaked again.

When there is an accident in the house, and a comb or wattle gets picked, it helps to have a can of tar handy. The tar should be kept at room temperature, so that it will pour from the container. It is a real safeguard for the occasional bloody comb and helps to prevent the other birds from getting a taste.

Today was a red-letter day. Edward has a pullet which lived out in the yard all summer and was a particular pet with the family. She has not been with the laying flock, and will not be. We named her Hezekiah. I don't know why, I'm sure.

January 16, "Hezzy" laid her first egg. And was she proud! I think I have seen everything now. She sang and sang while I was at work around her house. She is one case where a "runt" actually came thru and made a good hen.—M. B., Jasper County, Iowa.

Sunlight THROUGH R-V-LITE All-Purpose WINDOW MATERIAL

MAKES CHICKS BIGGER STURDIER HEALTHIER

DOZENS OF USES ON EVERY FARM

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HENS DYING IN THE NESTS OR UNDER THE ROOSTS

Don't Take Chances! DEAD HENS are just so much profit and investment LOST.

Look For CHOLERA or TYPHOID

At the first sign of CHOLERA or TYPHOID act quick! These diseases often endanger the entire flock.

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Our 26 years Leghorn Breeding insures profit producing chicks. Catalogue free.
REYNOLDS LEGHORNS, AKRON, IOWA

BUY BONDS AND STAMPS TODAY !!

Keep The Hen House Dry

DAMP laying houses are a problem the year around.

This is true, regardless of type of house or depth of litter. Humidity in the hen house is always high, says E. W. Anderson, Purdue University extension poultryman.

Anderson explains that the birds get rid of excess water by way of lungs and mouth. This is a characteristic peculiar to poultry.

Getting this excess water out of the house and replacing foul air with fresh, all without drafts on the birds, is a major problem of poultry management.

For no-draft ventilation, Anderson recommends windows that tip back, with baffles placed along the sides. These will force the air upward and away from the birds.

The side baffles must be large enough so that air doesn't spill over the sides onto the birds.

For those hen houses equipped with sliding windows, Anderson suggests putting a baffle-board three or four inches in front of the window. The board should be at least two inches wider than the window is expected to be when opened.

The baffle can be installed by fastening it to a board nailed to the studding. Then another board should be nailed along the bottom of the baffle-board so air can not come directly down on chickens.

Deep litter and insulated roof also will help keep the poultry house dry.

Clean House For Chicks

IT TAKES a little spring housecleaning to get ready for baby chicks. But it saves chicks which will be layers next fall.

Start by coaxing, telling or tricking the man-at-your-house into helping. When you get that done, remove all dirt and manure from the brooder house. Sweep down the walls and ceiling.

Scrub the brooder house with scalding-hot lye-water. Use about a pound of lye to 15 or 20 gallons of water. And be sure that it is scalding-hot.

Boyd Ivory, poultry specialist at Iowa State College, says it is just as important to have the water scalding-hot as it is to have lye in it.

While you are scrubbing the house, don't forget to scrub the feeders and fountains. Let them dry in the sun.

Follow up with a disinfectant. Spray it on the floors and into the cracks.

Then, if your helper is still with you, move the house to clean ground. Try to get it leveled up, the stove installed and the litter spread a few days before the little chicks are due.

A couple days ahead of time, light the stove and see that it is properly adjusted. Get the litter warmed up.

Then you're ready for the baby chicks—and those trips to the brooder house each evening before you go to bed.

THE WINNER!

• Accurate records kept on 1,524,660 chicks . . . in 5,046 flocks in 32 states, under varying conditions . . . showed an average of 96.7% *livability and* 20.5 *ounces of weight*—on only 2 pounds of Wayne Chick Starter per chick! Aren't results like these what *you* want from *your* flock? See your friendly Wayne Feed Dealer without delay. He can supply you *now* with Wayne—*the poultryman's favorite*—to help you win top results with your chicks, whether a few or hundreds.

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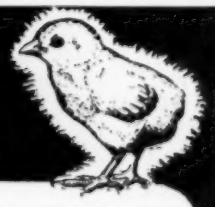
Records prove

IT PAYS TO FEED WAYNE

Raise More Chicks WITH RILCO BROODER HOUSES



• It's none too soon to order your Rilco Brooder if you want it for spring delivery. Some labor is available during winter months that will not be available in the spring.

Rilco houses are modern, neat appearing. Built with the famous Rilco glued laminated wood rafter. Engineered and factory-built to precision standards. Easy to build with these ready-to-use rafters. Strong, durable, light in weight, they make a house that's easy to move to clean ground. Plenty of head room and floor area, but less inside space to be heated.

Write for FREE folder on Rilco Rafters for Barns, Machine Sheds, Cribs, Brooder, Laying and Hog Houses. Order your Rilco brooder house soon.

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A WEYERHAEUSER INSTITUTION
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REAL EGG MACHINES!

Hy-Lines come nearer to being real egg machines than any other chickens. Here are three reasons why: On 105 farms, Hy-Lines laid 30% to 54% more eggs per bird than standard-bred chickens against which they were tested. Majority of Hy-Line flocks produced 18,000 or more eggs in one year from every 100 pullets housed in the fall. Hy-Lines won the Illinois Egg Contest two straight years, laying 5 and 6 dozen more eggs per bird than standard-breds. (Official record.)

TRY HY-LINE CHICKS: Test Hy-Lines on your own farm this coming season. Learn for yourself that they are "real egg machines." We invite your most searching inquiry.

Send Today for the New Hy-Line Chick Catalog. It's FREE!

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Master Sergeant or First Sergeant	$165.00	$198.00
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New way to broiler and egg profits. Ramseyer's 24 yrs. Master-Mated Foundation stock. Purebreds & Hybrids. CATALOG FREE. Ramseyer Hatchery, Box 107, Oskaloosa, Iowa.

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K. I. MILLER HATCHERIES
Dept. 109 Des Moines, Iowa

Sarah Jane Says:

More Eggs Now

To the Editor: We consider ourselves very lucky not to have had a lot of deep snow during the last week or so. When we have a big fall of snow it is hard to get to the road, as the driveway blows full of snow.

Our hens are laying more eggs now. Perhaps we will have a few to sell one of these days.

I was pleased to read that this is supposed to be a good year to raise poultry and to keep laying hens.

I had begun to wonder if it would not have been more profitable for me to buy eggs instead of buying feed for the hens, especially thru late November and December.

But when I looked back thru my books, I found that the eggs really amounted to quite a little before November. And since that time, we have had more than we wanted to eat. We would have had to pay out quite a good deal of money if we had had to buy them.

One of our near neighbors has 175 pullets now. They are laying better than 50 per cent. Another neighbor has a fox den in the chicken yard. I hope they can catch the fox or frighten it away.

Our cows are getting fodder with some corn in it, along with oat hay and mixed hay. The calves are eating hay now as an extra bit to fill out their liquid diet.

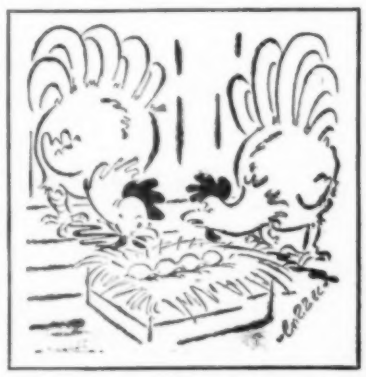
The cows do not leave much of their oat hay, nor even of their fodder. This fodder is nice and bright.

The little Guernsey heifer I've talked so much about jumped out of her stall the other day, and was helping herself to an extra meal from the cow down at the end of the row. I helped her back to where she belongs, and now she has another boarti on her pen. I hope this will keep her in her place.

The calves are the tamest I have ever seen. And the cows are gentle and trusting. Feed, water and salt is what they expect—and kind treatment.

I have made another every-day dress recently. I had some heavy blue suiting that I've had three or four years. I put a flowered blue material with it for a blouse.

But I have more sewing to do—as soon as I get over the flu.—Sarah Jane.



". . . and just as she laid the first egg she burped three times."

STARTS YOUR CHICKS
RIGHT

Get your chicks off to a good start this year with KENT 20% CHICK STARTER. This quality mash is palatable and easily digestible. It is fortified with proteins, vitamins and minerals at the proper levels recognized by scientists on nutrition as necessary to promote fast, thrifty growth. Order a supply from your KENT dealer today.

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ARTHRITIS-NEURITIS-SCIATICA

If you suffer the agonizing pains of these diseases when the usual remedies have failed, learn about a new, trustworthy, modern, non-surgical treatment method. This marvelous treatment is completely explained in the Ball Clinic's FREE Book. Write today. No obligation.

Ball Clinic Dept. 40, Excelsior Springs, Mo.

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Officially Bloodtested, U. S. Approved. Leghorn, Rocks, Wyandottes, N. H. Reds. Get complete prices. Heavy Asstd., $8.95. Left-overs, $5.95. Lights, $6.95. Leghorn Cock'ls, $1.95. Collect.

SADIE STOUFFER HATCHERY
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COLONIAL Austra-Whites

Best grade rich in 200-300 egg R.O.P. blood. Double tested for pullorum. As hatched or sexed. Vigorous, rapid growth, excellent broilers. Customers report over 200 eggs per hen. Big Catalog free. COLONIAL POULTRY FARMS, Shenandoah, Iowa

EXTRA LARGE, fast growing Long Island White Pekin Ducklings. Hatch every week year around. Write for new 1947 Discount Prices. DEVRIES POULTRY FARM, ZEELAND, MICH.

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USE OURS Free*

Mail coupon today and learn how you can use at no cost one or more of my $21.95 chick brooders.

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★ Please rush me without obligation full information on how I can use one or more of your $21.95 Brooders free.

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It's MODEL CHICKS from Alexander's MODEL HATCHERY for BIG CASH RETURNS

ALL POPULAR BREEDS

Just good breeding at prices you can afford to pay. All chicks from blood tested breeders and from closely culled and supervised flocks. Hatched in modern electric incubators for vigor and fast growth. We back them with our guarantee and ship prepaid to you. Started Pullets in White Leghorns and White Rocks our specialty. We raise them to your order at prices that make you more money. Write TODAY for Low Prices and complete catalog. You will be money ahead with MODEL CHICKS.

Alexander's Model Hatchery Box 102 Creighton, Mo.

FREE

New 1947 Book on Raising Chicks

This free book tells how to raise healthy, profitable birds with long laying life . . . and at the same time may save you up to 30% or more on feed cost. Gives full information on the rearing plan which has produced more than half of the World's Record egg laying champions among the leading breeds. Contains many helpful suggestions on feeding, brooding, preventing chick troubles and other management points. For your FREE copy write today to THE QUAKER OATS CO., Dept. B-35, CHICAGO 4, ILL.

Walko TABLETS FOR ALL POULTRY

The reliable drinking water antiseptic. At all druggists and poultry supply dealers. 50c, $1.00, $2.50 and $4.00.
MONEY BACK GUARANTEE
WALKER REMEDY COMPANY, Waterloo, Iowa

BIG PROFITS this year with Roscoe Hill Chicks. Heavy laying Austra-Whites, White Leghorns, White Rocks, Barred Rocks, Reds, Wyandottes, Orpingtons, Rock-Legs give you choice of breeds for eggs or meat profits. Flocks improved by use of hundreds of pedigreed sires—from 200 to 311 egg hens. Hundreds of customers testify to big profits with Roscoe Hill chicks. Write for New Catalog, prices and early order discount.

ROSCOE HILL HATCHERY
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4 WEEKS OLD White Leghorns Only

Started Chicks that keep on growing. Buy Chicks that have proven their ability to Live.
Pullets, 4 Weeks Old, per 100 . . . $27.50
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U. S. Approved
ECONOMY HATCHERY, WARRENSBURG, MO.

Raise Wyngarden BROAD BREASTED AND WHITE HOLLAND TURKEY POULTS. Hatched from Blue Ribbon U. S. Approved and U. S. Pullorum Tested parents. Northern Bred flocks. Select quality poults for the particular turkey raiser. Reliable poults. Send penny postcard for free turkey raising book full of valuable information.

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PIGEONS WANTED ALL WINTER—Common breeds, large quantities, highest prices.
RUSS ELLIOTT, - RAYTOWN, MISSOURI

—OUR ADS ARE NEWS—

Raised feeder keeps trash out of the feed for Sam Erwin's layers in Henry county, Iowa.

Which Breed Is Best?

WHAT breed of baby chicks should you buy this year?

Well, there's the old saying that "Leghorns are the best egg layers, the best garden scratchers, and the best crow scarers there are."

But Jim Drake, of Cherokee county, Iowa, favors heavies. His pet breed is Plymouth Rocks because of "brown eggs and eight-pound roasters."

Mrs. Albert Godfrey, also of Cherokee county, stands up for Leghorns. She buys them sexed, and makes good returns on egg sales to a hatchery. Only 60 or 70 cockerels are fed out for the Godfrey table.

Vernon Nihsen, Crawford county, Iowa, discovered that "we did not make anything on our Leghorn roosters, but we do have the pullets."

That checks with recent Iowa demonstration flock reports which show that demonstrators lost a few cents a pound on Leghorn young stock. Heavy breeds showed a slight profit.

But Leghorrn supporters have other arguments.

Louis Riessen, of Crawford county, Iowa, had heavies until he moved to a place with buildings near the road. Now, Leghorns are the only breed that will get out of the way of traffic.

In a mixed chick flock of White Wyandottes and Leghorns, Emil Vogt, also of Crawford county, lost more Leghorns. "They aren't big enough to hold their own with the heavies," he says.

Low mortality has sold Wilbert Michaelsen, of Ida county, Iowa, on Austra-Whites. But Mrs. W. E. Petersen, also of Ida county, is prejudiced against this breed because egg color doesn't fit eastern market demand.

But there's more and more interest in crossbreds and in the new hybrids.

George Redinus, another Ida county poultry raiser, is against Leghorns on the ground that their inquisitiveness gets them into trouble. He's also found that their combs freeze more easily than do those of heavies.

Mrs. Richard Backhaus, of Crawford county, favors Leghorns because they have less tendency to sit. Mrs. Henry Ullrich, of the same county, holds the same view.

Or maybe you'll settle for Mrs. Barney Kohm's reason for choosing Leghorns. "We've always had them," she says.

We'll Pay You 100 for 1!* for a chance to tell you about COLONIAL CHICKS

***HERE'S HOW**

To get Colonial's big FOUR-COLOR FREE CATALOG; send a penny postcard with your name and address. We'll pay you 100 for 1 by sending you FREE and without obligation, both our big catalog, and another big book, entitled "More Money From Chickens" (value $1.00) and filled with recent practical discoveries worth hundreds of dollars. Every article written by Agricultural College Poultry Specialists, and each idea FARM TESTED.

***HERE'S WHY**

We find that the full story showing the EXTRA VALUE you get in Colonial Chicks can't be told in an advertisement. It's easy to see that there must be a reason why, in order to make highest possible profits, MORE PEOPLE HAVE RAISED COLONIAL CHICKS than any other kind, for 17 straight years.

Our interesting and information-packed catalog shows how we built up our large R.O.P. Pedigreed Sired Breeding program, to give our customers the best baby chicks we have ever produced.

Colonial's CUT-PRICE OFFER Comes with both free books

This offer good anywhere in the U. S. A. All U.S. Approved, U.S. Pullorum Tested, Purebreeds and crossbreeds. SEXED, if desired. Mail penny postcard or coupon today!

100 for 1

DO YOU KNOW?

1—How to put flesh on your birds and yet save 20% to 30% feed costs that would otherwise be wasted?
2—How to tell which hens make the best layers?
3—How to build an inexpensive brooder house?
4—How to rid your flock of lice and mites quickly and cheaply?
5—How to make more money from your broilers and fryers through proper marketing methods?

These and many other plans, ideas, and discoveries can be turned into real profits for you. Just a small list of the valuable information you get in our new Poultry Profit Guide, written to sell for $1.00, and sent to you ABSOLUTELY FREE. Just write for it!

Colonial's 4-Color Chick Catalog Also FREE

In addition to Colonial's new 100-for-1 book, you will receive our BIG FREE CHICK CATALOG, printed in four colors, and showing chicks in full color.

Colonial's Best Grade chicks cost you only slightly over 10c each. Colonial's lowest priced chicks run as low as $6.90 PER 100

COLONIAL is FIRST

For 17 straight years, more people have raised COLONIAL CHICKS than any other kind.

FIRST

First in the number of years that so many R.O.P. Pedigreed Wing-banded males have been used to mate with our Best Grade flock bloodlines.

FIRST

First in facilities to serve you. No other hatchery duplicates Colonial's organization of nine huge plants for quick, safe delivery any place in the U.S.A. Our success was built by satisfying customers; you get the best service at COLONIAL.

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Send me free and without obligation your 2 valuable books and your CUT-PRICE OFFER.

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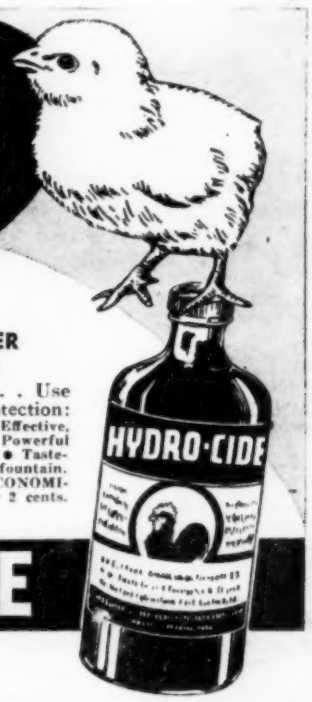
"Give me the Protection I Deserve . . . Use HYDRO-CIDE"



AMAZING NEW DRINKING WATER MEDICATION *INHIBITS GERMS*

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Ask Your Local Poultry Supply Dealer for

HYDRO-CIDE

A Barlow, Wright & Shores Product
CEDAR RAPIDS, IOWA

SAFETY FIRST!! Do your buying from firms advertising in Wallaces' Farmer and Iowa Homestead. If you do not find in Wallaces' Farmer and Iowa Homestead the articles you want to buy, just let us know what you want and we will be glad to give you names of reliable firms.

If you'd like to enjoy tractor driving like this... switch to HAWKIN'S

There's no "malarkey" about the fact that HAWKIN'S *floating* TRACTOR SEAT MOUNT brings downright "passenger car comfort" to tractor riding...it does! The Hawkin's Mount works on a principle altogether different from any other mount on the market to bring an actual *luxury ride* to the tractor driver.

It's the HAWKIN'S Mount's revolutionary design that does the trick. It permits the operator to actually "float free" by suspended leverage and horizontal spring action. This new seat mount levels out the customary hell-for-leather-ride of the conventional tractor seat; ends whacking side thrusts; permits the driver to sit comfortably level—whether ploughing deep furrows, operating on side hills or on flat ground. *It can't buck*— there is no "up and down" motion... *you can't "hit bottom"!*

Besides bringing actual riding comfort Hawkin's Mount lessens fatigue ... saves arms and shoulder muscles ... ends that "belly ache" feeling... makes tractor driving safer for young and old... results in more tractor miles per day... more production per hour... permits operator to finish a day's work without feeling "dead tired".

HAWKIN'S Mount can be readily adapted to your tractor. *You use your own tractor seat.*

Install one now! See your Farm Implement Dealer or write Corona Clipper Company for this astonishing Mount (patent pending) that brings the "feather pillow" tractor ride. It's sold on a guarantee of complete satisfaction or money back!

SEE YOUR FARM IMPLEMENT DEALER OR WRITE
CORONA CLIPPER COMPANY
CORONA, CALIFORNIA

ONLY 99.5 Price subject to change without notice

HAWKIN'S *floating* TRACTOR SEAT MOUNT

On a Rush Job
For Farmers

1946 was a big telephone year for farmers in the territory we serve, but 1947 promises to be even bigger.

As materials become more plentiful and more equipment and facilities are obtained, this Company's $8,000,000 program to improve farm telephone service and increase its usefulness will move ahead at an increasingly rapid rate.

For many years, Midwestern farmers have made extensive use of telephone service and our program now under way will bring service to more and more farm families.

NORTHWESTERN BELL TELEPHONE COMPANY

CRIB PLANS FREE!

Send for FREE crib blueprints with list materials. Also Elevator catalog—shows 8 styles.
MEYER FARM ELEVATORS CUP AND PORTABLE
Simplest, strongest—no short turns. Widest, sturdiest PORTABLE—handles baled hay. Write us your crib problems today. State whether interested in BUCKET or PORTABLE. Postal brings FREE catalog. THE MEYER MFG. CO., Box 1265, MORTON, ILLINOIS.

BACKACHES CAUSED BY MOTHERHOOD

Muscles are often strained by motherhood and cause backaches for years. Allcock's Porous Plasters give prompt effective relief . . . They support the muscles, bring heat to painful spot. 25c at druggists.
ALLCOCK'S Porous Plasters

— — OUR ADS ARE NEWS — —

Service Bureau

Asks Law On Hog Fence

To the Editor: Our neighbor put up 80 rods of hog-tight fence on the line between us. Then he notified us by registered letter to put up our share of the fence. Now do we have to put up this hog-tight fence, or does the neighbor have to have all his boundary lines hog-tight first? What is a legal hog-tight fence? — F. A., Chickasaw County, Iowa.

The Iowa law reads as follows: "All partition fences may be made tight by the party desiring it, and when his portion is so completed . . . the adjoining property owner shall construct his portion of the adjoining fence . . ."

The words in the law, "when his portion is completed," would seem to indicate that the neighbor can force you to make a hog-tight fence when his half between you and him is hog-tight.

The Iowa statutes are as follows on tight fences:

"All tight partition fences shall consist of:

"1. Not less than 26 inches of substantial woven wire on the bottom, with three strands of barb wire with not less than 36 barbs of at least two points to the rod, on top; the top wire to be not less than 48 inches nor more than 54 inches high.

"2. Good, substantial woven wire not less than 48 inches nor more than 54 inches high, with one barb wire of not less than 36 barbs of two points to the rod, nor more than four inches above said woven wire.

"3. Any other kind of a tight partition fence which, in the opinion of the fence viewers, is equivalent thereto."

The statute means to say that a fence meeting the requirements of Paragraphs 1, 2 or 3 is a legally tight fence. The requirements of all paragraphs need not be met.

To Keep Mice Away From Canvas

To the Editor: Can you give me information on the treatment of canvas to keep mice from chewing it? They have chewed holes in a tarpaulin.— O. M. C., Benton County, Iowa.

According to Dr. Harold Gunderson, extension entomologist at Iowa State College, several materials will repel mice for various lengths of time. These include kerosene, creosote, nicotine sulphate, lime sulphur, oil of peppermint and oil of wintergreen.

Many of these evaporate rather quickly and must be used at frequent intervals.

Doctor Gunderson says a better plan is to get rid of the mice.

In farm outbuildings, the use of strychnine-poisoned oats, wheat or birdseed has given good results. In the home, traps baited with food materials are better.

TO KEEP COWS PRODUCING PROFITABLY

When cows are rundown because of forced production, a milk shortage develops, and due to loss of vitality such cows become more susceptible to infection. To help revitalize the herd and return the milk flow to normal, give . . .

Dr. David Roberts HERD TONIK

Herd Tonik supplies quantities of iron, iodine, phosphorus, copper, cobalt and calcium. Vitamin "D" is added for nutritive value. Get a trial package of DR. DAVID ROBERTS HERD-TONIK from the dealer and give it to one of your cows that is not doing well. Her improvement will indicate the results that may be obtained by giving HERD-TONIK to the rest of the herd.

For Sale By Roberts Dealers
There is a Dr. DAVID ROBERTS prescription for curable animal ailments. For more details, write for your FREE copy of the CATTLE SPECIALIST today!

DR. DAVID ROBERTS VETERINARY CO.
5 GRAND AVENUE • WAUKESHA, WIS.

Raise MORE Pigs with

CAMPBELL'S "Pig-Saver" Brooder

Keeps pigs or lambs from freezing . . . helps reduce death losses from sow crushing. Should easily pay for itself in one season. Low current cost. Just plug it in. All steel, reinforced. Big enough for largest litter . . . 32" sides, 45" front, 12" high. 8 ft. cord.

Model
544 Infra-red bulb heater ..... $ 9.75
542 250 W Chromelox heater, thermostat, pilot light, thermometer 14.50

HEATING UNITS TO BUILD YOUR OWN
547 Same as in Mod. 544.... $3.75
545 Same as in Mod. 542.... 8.75

See your dealer, or order direct. Express prepaid.
H. D. CAMPBELL CO.
409 6th St., Rochelle, Ill.
YOUR MONEY BACK IF NOT SATISFIED

Lemon Juice Recipe Checks Rheumatic Pain Quickly

If you suffer from rheumatic, arthritic or neuritis pain, try this simple inexpensive home recipe that thousands are using. Get a package of Ru-Ex Compound, a two-week supply, today. Mix it with a quart of water, add the juice of 4 lemons. It's easy. No trouble at all and pleasant. You need only 3 tablespoonfuls two times a day. Often within 48 hours—sometimes overnight—splendid results are obtained. If the pains do not quickly leave and if you do not feel better, return the empty package and Ru-Ex will cost you nothing to try as it is sold by your druggist under an absolute money-back guarantee. Ru-Ex Compound is for sale and recommended by drug stores everywhere.

OTTAWA TRACTOR SAW

350 Cuts Per Minute
Costs Too Little To Do Without
Make money sawing wood. Use Ottawa—fastest cutting. Cuts large, small logs easiest way. Fells trees. One man operates. Thousands in use. Built to last with heavy, stiff saw blade. Positive safety clutch control; uses power take-off any tractor. OTTAWA MFG. CO., D228 Forest Ave., Ottawa, Kans.

THE CORN OF *Plenty*

UNITED HYBRID
UNITED HYBRID GRS. ASS'N OMAHA

BUY A SHARE IN U. S. A.!!

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HORSES AND MULES
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You need horses and mules—no matter what size your farm. You need these books to help you get the greatest value out of work animals. Only 25c for each interesting book.

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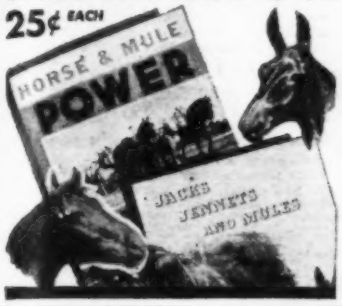
25¢ EACH



KILLS the LICE but SPARES the COW

NO HARMFUL OR TOXIC ACTION

to the skin . . . but QUICK DEATH to lice on Cattle, Horses, Mules, Goats, Sheep, Swine, Poultry. Endorsed by farm leaders; proved by farm experience. SATISFACTION GUARANTEED or MONEY BACK PLUS 10%. At your dealers or large farm-size can $1 postpaid.

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ORLEANS 1G, VERMONT

LOUSE-CHASE

Unload in 2 Minutes!

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Low Cost - Easy to Install

Takes the *heavy work* out of unloading — gets the job done *fast!* Any farmer, trucker, etc. can afford one. Fits all trucks — all beds. Simple to attach — you can do it yourself. Does not change the chassis in any way. No hydraulic cylinder to adjust and service — LITTLE GIANT works equally well in hot or cold weather. Easy-crank operation. *Only $65 and up.* More LITTLE GIANTS in use than any other. *Absolutely guaranteed.* Write for details and prices.

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Perfect for **BALED HAY**

THE FAMOUS *Original*
LANTZ
REG. U.S. PAT. OFF.
FLEXIBLE-GRAPPLE HAY FORK

● Has the right spread and automatic hay-holding compression to handle baled hay fast and easily—1 to 8 bales at a time. Made in three sizes. Equally good for loose, dry or short hay. Exclusive POSITIVE-ACTION HEAD . . . no tripping trouble. Safer for man and rack. Insist on the original Lantz—imitated but never equalled.

We also manufacture the **Lantz Kutter-Kolter.** Aids moldboard plow to cut through and turn under trash. Helps fight corn borer. Nothing else like it.

Write for literature and name of nearest dealer.

LANTZ MANUFACTURING CO.
Dept. 43, Valparaiso, Ind.

PROMPT REMITTANCE
For Your Feather Shipments

Top market prices for new goose and duck body feathers. Highest prices for goose and duck quills wing and tail. Send samples of used feathers for quotation. Ship Today—Cash Tomorrow.

MIDWEST FEATHER CO.,
3000 S. Calumet Avenue Chicago 16

Plan Weed aw Campaign

Iowa legislators are being asked by the Iowa Farm Bureau to provide for more effective weed laws, in line with the resolutions adopted by that organization.

The Farm Bureau wants a law that will let counties buy weed-spraying equipment, not only for use along the roads, but which will be made available to farmers.

They hope for legislation that will place the responsibility for mowing weeds and brush along secondary roads on the counties. The Farm Bureau will recommend that costs be paid out of the general county fund.

Final suggestion is for a full-time county weed commissioner in each county, with such assistants as are necessary.

Fertilizer Doubled Pasture Growth

Every dollar spent for liming and fertilizing an old permanent pasture brought back almost $3 in extra milk each year during the past five years, according to one experiment reported by S. R. Skaggs, Pennsylvania State College.

During the five years, an old permanent pasture was limed twice and given three applications of 320 pounds of 0-20-0 and 83 pounds of 0-0-60 per acre.

The lime, fertilizer and labor in applying cost an average of $7.28 per year. Average additional milk produced annually weighed 1,041 pounds and sold for $32.10. Feed cost for the extra milk figured out to be $10.94, which left $21.16 to credit to each acre of the improved pasture each year.

Corn On Same Land Thirty Years

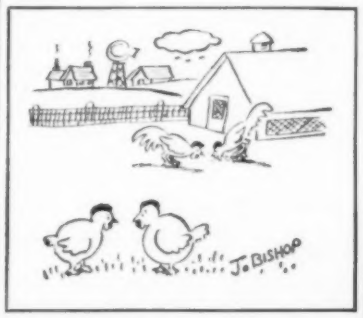
Everyone knows it isn't a good idea to grow corn on the same ground year after year. And everyone knows that lime, manure and legumes help corn yields.

But the surprising thing is how much they help and how fast. At the Iowa experiment station there are plots that have been planted to corn every year since 1915.

For the years 1943 to 1945, the average corn yield was 36 bushels per acre. But when the plots were split up, manure, lime and sweet clover boosted the yield an average of 19 bushels per acre during the same three-year period.

Manure alone raised the yield 15 bushels per acre. Lime alone was good for a five-bushel increase, and sweet clover, seeded in the corn in July and plowed under the following spring, brought a three-bushel increase.

A program of livestock, legumes, lime and fertilizer pays big.



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KEYSTONE TRAILERS

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Get your livestock to market faster . . . in better condition . . . at lower cost. Eliminate extra handling. Less shrinkage. Fewer bruises. From your door to market, all the way, in a KEYSTONE Trailer.

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Does Those Hard Jobs on a Farm

Whatever your lifting-loading job, the WORKMASTER LOADER does it better, faster. Most economical loader of its kind—yet it's heavy duty, built for long years of service. **Fits any tricycle type tractor; also made for 4-wheel tractors.** Quickly attached, detached. Power furnished from belt pulley of tractor's engine. No power pumps to fail.

With purchase of few conversion parts, the WORKMASTER can be converted into the HAYMASTER-10 (hay loader-stacker). With WORKMASTER, you can own the BULLDOZER attachment (levels ground, roadways; fills ditches). You can also own BUCK RAKE attachment, quickly changing WORKMASTER Loader into an efficient sweep rake.

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HOGS NEED this GROWTH and HEALTH

Midwest VITO-MIN-TONIC adds the Vitamins, Minerals and Tonics to home grown feeds, that make hogs thrifty, get pigs off to a good start and keep them growing. Every pound of feed makes more pork. Used by successful feeders for 23 years. Write today for details of **Midwest Service Contract.** Learn how you can get Worm Expeller, Necro Medicine & Mange dip **free of charge.**

WANTED: DISTRICT SALES AGENTS

MAIL THIS COUPON TODAY CHECK ITEMS WANTED

MIDWEST MINERAL PRODUCTS COMPANY, Grinnell, Iowa
PLEASE SEND ITEMS CHECKED:
☐ Home Mixed Formulas. ☐ Information on Midwest Service Contract ☐ I am interested in becoming an Agent
I have ___ Hogs ___ Cattle ___ Chickens
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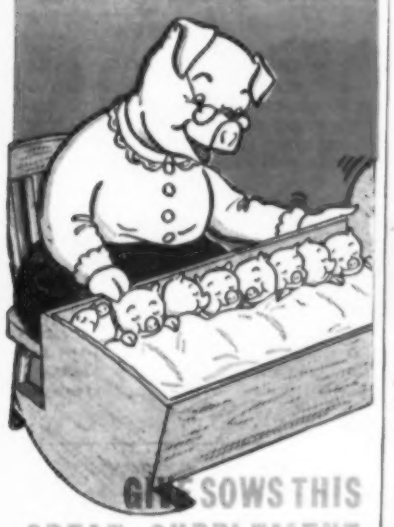
For Husky Spring Litters



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Right now your brood sows are building and feeding next spring's pigs. A small investment in the right supplement to give them the materials for building big, husky litters can pay real profits when farrowing time comes. Give them Sargent Minral Meal, the—

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- 5 DIFFERENT PROTEINS including animal, vegetable and fish proteins for better feeding value
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All these in one bag, ready to feed, at no more than the cost of average minerals alone. Ask your Sargent dealer, and help your sows to build the big, husky, livable litters that will really pay out next spring.

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SARGENT PLANTS, Des Moines
Mosmouth, Ill. Fremont, Nebr.
Waverly, Mo. Alexon, Iowa

What's New For Farm and Home?

Jeep-Mounted post-hole digger is being offered farmers. This one is a little smaller than the tractor-mounted unit. Claimed to be able to dig thru frost and tree roots. For traveling on road, digger tips forward and rests on a cradle. Made by R. J. Piper Co.

Dish-Washing unit can be attached to this washing machine. Holds service for six people. Scrape dishes lightly before putting into wire basket. Add detergent. Water is changed by machine. Developed by Electric Household Utilities Corporation.

Cushions for tractor seats are now being made by former makers of horse-collar pads. This one comes with tapes for fitting to implement or tractor seat. Quilted to hold the deer hair and jute packing in place. Made by American Pad and Textile Co.

Two Doors in this frozen food cabinet make it possible for the housewife to get into either compartment without cooling off entire freezer. Tightly sealed doors and good insulation make it an economical piece of equipment to operate. Made by Ben Hur Mfg. Co.

...Troubled with INJURED TEATS

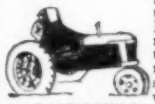
...scab teats, cut or bruised teats? TREAT THEM WITH Dr. Naylor's SULFATHIAZOLE MEDICATED DILATORS

Relieve injured teats quickly. Dr. Naylor Medicated Dilators work three ways—Carry antiseptics and healing agents into teat canal to combat infection and promote healing. Furnish soft, absorbent protection to the injured lining, same as you would apply a soft, absorbent dressing to external wounds. Keep teat canal open in natural shape while tissues heal. A dependable treatment, ready to use. If not available at your dealers, write:

H. W. NAYLOR CO.
MORRIS 13, N.Y.
Large Pkg. $1.00
Trial Pkg. 50¢
H. W. NAYLOR
Dr. of Veterinary Medicine

Dr. Naylor
DEPENDABLE VETERINARY PRODUCTS

New Hot Air Deflector TRACTOR HEATER
KEEPS OPERATOR WARM ON COLD DAYS
COMFORT TRACTOR COVER



SAVES TIME usually lost due to excessive cold—work MORE DAYS, MORE NIGHTS when necessary. Deflects motor heat that envelopes operator who regulates amount of heat desired—no enclosure to obstruct vision. Ideal for all draw bar work. 29 MODELS individually tailored from heavy treated duck. ON or OFF in a jiffy. IT SAVES work days formerly lost—quickly pays for itself. See your Implement Dealer, Farm Supply Store or WRITE TODAY for folder describing 12 unusual features and price.
BEARING DISTRIBUTORS CO.
1919-R Baltimore, Kansas City 8, Mo.

FERRIS FREE

78th Anniversary PLANTING GUIDE and 1947 CATALOG
Containing many gorgeous, natural-color illustrations of our finest values in
FERRIS NORTHERN GROWN EVERGREENS
Shade Trees
Flowers Shrubs
Fruit Trees and Plants
SEND FOR THIS BOOK TODAY
It is our finest in 78 years. Hundreds of attractive, low-priced suggestions in the New 1947 Ferris Catalog and Planting Guide. Write now—supply limited.
EARL FERRIS NURSERY, 333 Bridge St., Hampton, Iowa

VON RUDEN TRACTOR SAW
Quickly Converted From Tree Cutting to Log Sawing
Fits any Tractor Power Take Off.
Write for Free Folder
VON RUDEN MFG. CO. · CLAREMONT, MINN.

FREE 1947 Garden Catalog
Handsomely Illustrated In Natural Colors
Hardy field-grown vegetable plants that produce crops three weeks earlier than home-grown plants. This valuable catalog tells how to spray, plant and cultivate cabbage, onion, tomato, potato, egg plant and pepper plants. Get your catalog now before the supply is exhausted.
P. D. FULWOOD CO. TIFTON, GA.

Baughman LIME and PHOSPHATE SPREADERS
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Guaranteed Nursery Stock
Strawberry, Raspberry, Blackberry, Boysenberry, Blueberry and Grape plants. Fruit Trees, Shrubs and Roses. Newest and best varieties—special low prices. Send for his illustrated catalog today—it's FREE. J. N. ROKELY & SON, Box 118, BRIDGMAN, MICH.

FARMERS WHOLESALE NURSERY, a dependable source for good true-to-name fruit trees. Write for price.
P. O. BOX 65 SMITHVILLE, TENNESSEE

MARION OATS, AJAX, TAMA, CERTIFIED SPRING WHEAT, BARLEY, FLAX, CLOVER, BEANS. Graindale Farms, Waterville, Minn.

BUY HARDIEST ALFALFA SEED
DIRECT FROM SAM BOBER, Box 751, RAPID CITY, S. D.

DISPERSAL SALE

Sale at farm 7 miles south and 2 miles east of Dedham, Iowa

Spotted Polands

GRAY, IOWA, FEBRUARY 11th

38 Purebred Gilts

And choice tried sows sired by **SILVER BOY**, a son of Dollar Sign, and **FEEDERS KING**, a son of Feeders Choice. Good breeding, fine quality. Bred to **PROPER TYPE**, a son of Farmers Perfection, a litter of The Miracle and **COB ROLLER JR.**, a son of Cob Roller. A real bunch of gilts, will weigh around **400 lbs.** to **450 lbs. COME.** Ask now for **FREE** catalog. Please mention this publication.

GLEN T. SCOTT, GRAY, IOWA

AN OUTSTANDING GROUP OF REGISTERED HEREFORD

BULLS

featuring

90 HEAD

picked from the herd and sired by **W.H.R. TRUEPEN 4th, RAYO STAR, DEL RAYO 1st,** and **RAYO BARON.**

Priced around $225.00 a head

RANCHO RAYO

L.D. Phone 418 Maryville, Mo.

SPOTTED POLAND CHINA

BRED GILT SALE

Friday, February 14, 1947

To be held in a heated sale pavilion at the farm

45 HEAD BRED GILTS

We are going to sell 45 head that we are proud of. We have kept nothing but the best in herd boars and these gilts will be bred to produce for their new owners. They are bred to a top son of the famous F.B.I. that heads the herd of Spaulding Bros. and Bellwith, Valley, Nebraska. Some are bred to the boar we bought from Carl Heiner, Jefferson, Iowa. Better be here on sale day, or be represented by a mail bid. Here is a great opportunity for anyone that is a lover of good hogs. A good chance for 4-H Club members.

Spies & Lein, Graettinger, Ia.

Auctioneer, Fred F. Goodchild

DOLLAR BILL

BRINGS YOU HUNDREDS

of profitable hog raising ideas, year's subscription to monthly magazine. **Write Hog Breeder Dept A, Peoria 2, Illinois.**

HOLSTEINS—THE FARM COW

Holsteins lead all breeds in yearly milk and butterfat production — and make most profitable use of farm-grown roughages. The calves are large, easily raised for herd replacements, or they bring good returns for veal — and the old cows are valuable for beef when their milking days are over.

FREE ILLUSTRATED HOLSTEIN RAISING MANUAL. WRITE

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—OUR ADS ARE NEWS—

Joe Holland & Sons'

SPOTTED POLAND CHINA BRED SOW SALE

At Clay County Fair Grounds

SATURDAY, FEBRUARY 15th

50 head of choice spring and fall gilts. Spring gilts will weigh from 400 to 500 lbs. Gilts mostly granddaughters of **MODERN FORT SUNNY JIM II, THE FLASH** and other popular blood lines bred to grandsons of **SPOTLIGHT, F.B.I.** and other good boars. Write for catalog giving full details, pictures, etc.

Joe Holland, Ocheyedan, Iowa

DUROC SALE

at farm, 7 miles southeast

FEBRUARY 8, 1947

Forty excellent spring gilts, all well-grown and will weigh over **400 lbs.** Some truly outstanding ones. They are most uniform and sired by **ROYAL KING**, a good breeding son of Ringmaster. They will be mated to **CHOICE GOODS**, a son of Kings Inventor, the first prize aged boar at Iowa and **PERFECT SMOOTH BOY 1st** by Perfect Master. They will please. **COME.** Ask for **FREE** catalog. Kindly mention this publication.

E. R. LaRUE DOWS, IOWA

PUREBRED HAMPSHIRE GILTS

FEBRUARY 10th

At Frank Kain farm sale, located 23 miles north of Sioux City. 12 gilts bred to son of **POST WAR**, 1946 Iowa grand champion, and **TODAY'S MODEL**, for early farrow. Also John Deere tractor and full line of machinery.

ARDEN BROWN and FRANK KAIN

Akron, Iowa

ADEL HEREFORDS

SPRING SALE

ADEL, IOWA, APRIL 19th

Horned and Polled Herefords

If interested in entering cattle write now to

ALBERT DE WITT, Mgr., PERU, IOWA

DUROC SALE

At Farm

FEBRUARY 8, 1947

Fifty gilts to farrow from February 25th to April 10th. Will weigh from 350 lbs. to 500 lbs. Mated to **GLORY BE** and **PORK BARREL**, two outstanding boars. Ask for **FREE** catalog.

HUGH LOUDEN GRINNELL, IOWA

HAMPSHIRE SALE

Fair Grounds

SIOUX FALLS, S. D., FEBRUARY 25th

Forty registered bred gilts, low-down, thick, fast growing kind. Mated to 3 great boars. COME. Ask for FREE catalog.

DON YUSTEN ALEXANDRIA, S. D.

SPOTTED POLANDS

FEBRUARY 26, 1947

Forty bred gilts. Choice individuals. Ask for FREE catalog.

E. C. MARTY & SONS LU VERNE, IOWA

SPOTTED POLAND SALE

FEBRUARY 7th—NIGHT SALE

At farm, heated building, near Spirit Lake, Iowa. 45 Bred gilts. A good offering bred to best boars.

C. R. BROWN & SON Spirit Lake, Iowa

KRAMER BROS. Adrian, Minn.

AUCTIONEER

Successful sales for leading breeders, lifetime experience with Livestock. Apply early, as I am busy during season. Rates reasonable. Telephone Residence 7-3645; Business 3-6181.

J. E. Halsey, Box 1317, Des Moines, Ia.

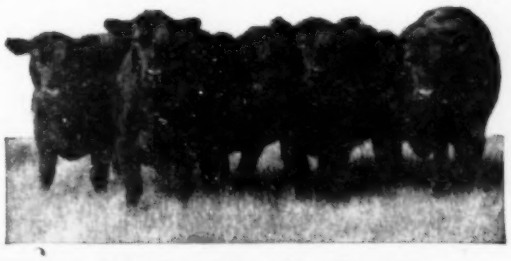
Angus Dispersion!

of the

D. & R. W. Farms Herd

In Marshalltown's comfortable, large livestock auction barn, Iowa's most sanitary pavilion, located east edge of city

Marshalltown, Iowa
Wednesday, February 12



227 HEAD

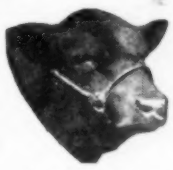
135 Grand Breeding Females

80 Beautiful Matrons With Calves

80 Big, Lusty Calves Go Free With Dams

12 Bulls—Including 5 Great Herd Sires

This is a complete dispersion of a herd which was founded several years ago by the selection of top females, rich in pedigree, modern type and pleasing quality, from the foremost herds of the breed, which included some wonderful individuals that were sired by great sires. Since the herd was established, they have always used outstanding herd bulls, and through this careful mating have built up one of the truly good herds of the breed. The breeding cows have been rapid producers and the best heifers were retained for herd improvement.



5 Great Herd Bulls

Featuring

BARDOLIERS SUNBEAMS EILEENMERE

Nothing finer in high-class breeding. The blood that has done much to improve the breed. They will improve the herds wherever they go.

BLACKBIRD BARDOLIER G.R. 3rd 794617, one of the best **BARDOLIERS**. He cost **$18,000** at public auction. A September 2-year-old in prime of life by Blackcap Grenadier G.R. 10th by the famous Black Bardolier. His dam a daughter of Black Bardella 2d. She is a full sister to Black Bardolier. Hence . . . a double bred **BARDOLIER**. One of the best bulls to sell this year. . . . Many females are mated to him.

PRINCE PRIDE OF LAKEWOOD 846743, a June 2-year-old son of Prince Sunbeam 19th by the celebrated sire, Black Prince of Sunbeam. Dam Pridemere T. 32d by the great Eileenmere 85th. **Prince Sunbeam** and **Eileenmere** best blood blended into a real herd bull.

EILEENMERE 6th OF D. & R. W. 810113, a top September 2-year-old by the undefeated Summer yearling, **EILEENMERE OF F. 2d**, by Eileenmere 300th. Dam, Eriana of Oakview by Eriana B. 3rd by the International Grand Champion Envious Blackcap B. 6th. His sire, **EILEENMERE OF F. 2d**, a good 5-year-old tried and proven bull will be sold. Also **EILEENMERE 5th OF D. & R. W.**, a desirable 2-year-old. The younger bulls will please. Never before was so much **HIGH-CLASS** herd bull material ever offered in one sale. The place to secure your herd sire.

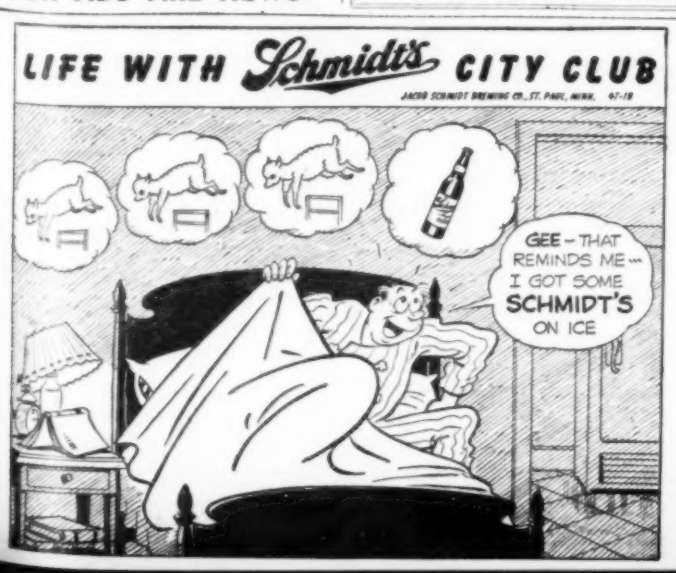
FOUNDATION FEMALES

A most desirable and dependable lot of breeding matrons, that produce good, thick, modern type calves each year when mated to top herd bulls.

One of the outstanding herds of Angus cattle with a group of richly-bred breeding matrons seldom found in one herd. A study of their pedigrees and you will find some of the most prominent herd sires well represented, and the most fashionable blood lines. The families include **BESSIE, MAID OF BUMMER, BLACKCAP, BLACKBIRD, ERICA,** and other popular tribes. Nothing finer. The **135** lots of females include **80** marvelous breeding matrons with **80** big, lusty calves at side by the choice herd sires, many are rebred to them . . . **QUICK PROFIT** for the purchaser. This indicates their rapid producing ability. Several young bred cows well forward in calf to the herd bulls and a number of attractive open heifers, proper age to mate to your herd sires. Secure a top female and produce a herd bull. This is one of the genuine opportunities of the season, to secure an outstanding herd bull, a choice young bull or females of foundation character. It is an event you will want to attend. **BARGAINS ARE IN STORE** . . . always in a Dispersion sale. Everything sells to highest bidder. You set the price. **COME.** Ask now for **FREE** catalog, sent only on request. Please mention this publication. Address

WAYLAND A. HOPLEY, Sale Mgr. ATLANTIC, IOWA

J. E. Halsey, Fieldman



THE BEST IN SHORTHORNS

In comfortable fair grounds sale pavilion

DES MOINES, IOWA

SATURDAY MARCH 1st

BAPTON MAJOR (Imp.) 316203, one of the best breeding bulls imported to America. A dark roan, with strong head, even-fleshed, thick and smooth. He is by Bapton Air Pilot out of a choice Missie cow. The blood that produced the sensational Pitfodrie Upright, 1946 Perth Supreme Champion. The progeny of BAPTON MAJOR featured in this auction.

40 HEAD

10 Choice Young Bulls

30 Beautiful Well-bred Females

A draft selected with care from one of **AMERICA'S** greatest herds of Shorthorn cattle, which have produced Champions at the leading shows and breeding cattle that will help to improve the best herds. The 30 females are choice young cattle with their usefulness before them. Seven daughters of **BAPTON MAJOR**, 5 by the Grand Champion **BRAELODGE HEADLIGHT**, 6 by **HELFRED KEEPSAKE**, a good breeding son of Fascinator, 2 by sons of the International Grand Champion **SUNRAY** and 2 by **HELFRED MARAUDER**, a great sire. They will be mated to **BAPTON MAJOR** and **EDELLYN ROYAL LEADER 41st**, one of the choice deep dark red sons of the **All-American** favorite sire, **Edellyn Royal Leader**. Younger heifers sold with breeding privilege. Genuine foundation breeding cattle, the sort for breed improvement. Select one mated to such sires and produce your own herd bull.

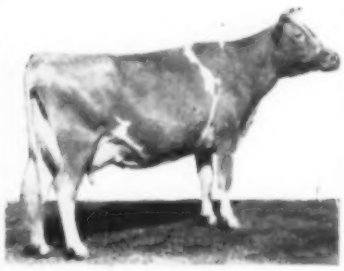
THE BULLS are a fine lot, all young bulls, just proper age to use, good solid colors, modern type, low-set, thick-fleshed, with pleasing heads and conformation. Three by **BAPTON MAJOR**, 3 by **HELFRED KEEPSAKE**, and 1 by **HELFRED ROMEO**. Herd bull material. The families include **AUGUSTA, ROSEWOOD, CLIPPER, VERBENA, DUCHESS OF GLOSTER, MYRTLE, GIPSY MAID,** and **BEAUTY**. Best in blood lines. Pleasing in type, merit and quality. All **T.B.** and **BANGS** tested. Plan now to come. Ask for **FREE**, well-illustrated catalog. Please mention this publication when writing. Address

HELFRED FARMS

Route 6 **DES MOINES, IOWA**

F. W. Hubbell, Owner Auctioneer, J. E. Halsey Chas. Garden, Mgr.

Guernsey Dispersal Sale



Sale Starts 12:00 Noon

Sale at farm under cover, located 2 miles north of town on Highway No. 71

Storm Lake, Iowa

Thursday, February 20th

70 Head

40 Purebred and High Grade Milk Cows

18 Coming 2-year-old Bred Heifers, Heavy Springers

10 Yearling Heifers and Calves

2 Bulls, Including Herd Sires

Herd sire, **BOLENDALE OMEGA'S KING**, November 6, 1944, by Meadow Lodge King's Leader, a son of Langwater King of the Meads A.R. His sire's dam, Meadow Lodge Rex's Levity 603 D, a daughter of Bournedale Rex A.R., and Beechfords Honoria Lady 2d, 817 A, 667.6 CC and 771.9 AA, a daughter of Pergues Miss Crescent 519 AAA and 782.4 AA. Her sire, Kenfleuer's Foremost Crescent A.R.

The 25 two-year-olds and yearling heifers are sired by **COLORADO RAPHAEL**. He is by **LANGWATER KING OF THE ROCKIES A.R.**, a son of Langwater Moonlight A.R. His dam, St. Albans Defenders Rexina A.R. 602 EE.

The cow herd is sired by **SUNSET GOLDEN SLOGAN A.R.** and **SUNSET GOLDEN FIELD MARSHAL A.R.** We have a few heifer calves by **BOLENDALE OMEGA'S KING**. The entire breeding herd is bred to him. **D.H.I.A.** records on individual cows from **350 lbs.** to **440 lbs.** fat. Breeding and production that will please. Herd **T.B. ACCREDITED** and **BANGS FREE**. Plan to come. Ask for **FREE** catalog or more information. Please mention this publication when writing.

Shinn & Dumbaugh, Storm Lake, Ia.

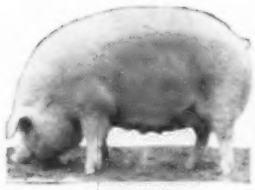
Auctioneer, C. A. Bodholdt

WARREN CONNOR'S SALE

Chester White Bred Sows

40 GILTS—THE BEST I HAVE EVER SOLD

Glidden, Iowa February 19th



I am selling this sale at the farm, 3½ miles east of Glidden, Iowa, on U. S. Highway No. 30, and take it from me I have never before sold a better lot than I am selling in this sale. They are sired by Fashion Plate and Fashion Plate Jr. The most of these are bred to Nebraska Lad, one of the very best medium type boars of the breed. He is a son of Typesetter Jr., that good boar that stands at the head of the George Popkin herd. The others are bred to Fashion Plate Jr., an outstanding junior yearling boar. These gilts are all cholera immune and guaranteed to be safe in pig. Write for catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

WARREN CONNOR, GLIDDEN, IOWA

Auctioneer, Col. Clare Mason M. T. White, Fieldman

4th ANNUAL KANKAKEE-WILL COUNTY

HOLSTEIN ASSOCIATION SALE

At Earetime farm, in heated tent, 5 miles west on Highway No. 17 and 1½ miles north on black-top. Watch for signs

KANKAKEE, ILLINOIS, SATURDAY, FEBRUARY 8, 1947

Sale starts promptly at 10:00 A. M.
Cattle ready for inspection day before

70 HEAD — 60 CHOICE FEMALES—10 GOOD BULLS BULLS SERVICEABLE AGE. ALSO 4-H BULL CALF PROSPECTS.

The best in purebred **Holsteins** from top herds, including the complete **DISPERSION** of the **Edward W. Rieke** Herd.

This is a well bred lot of cattle, displaying type and with plenty of production. Plan now to attend. Ask for **FREE** catalog. Please mention this publication. Address

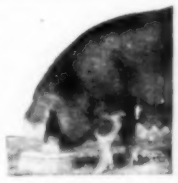
KANKAKEE-WILL COUNTY HOLSTEIN ASSOCIATION

P. O. Box 667 **Kankakee, Illinois**

HUGH GORMAN, Peotone, Illinois **FRANK ADER, Bonfield, Illinois**

Auctioneer, J. E. Mack

Freel's Great Poland Sale



At farm, located 10 miles southeast of state fair grounds, 5 miles south of 163 on Highway 316, and 2 miles north of town. Good gravel roads

Runnells, Iowa, Tuesday, Feb. 18

40 HEAD—30 Spring Gilts, 10 Fall Yearlings

This is without doubt the greatest lot I have ever sold, all well-grown, the low-down, blocky type that will make real brood sows. Sired by **BLOCK BUSTER** and **GOLD DREAM**. Best in breeding. Bred to **BUBBLING OVER** by True Dimensions and **SILVER KING**, by Hirsch's Square Deal. Two of the best herd sires I ever used. Plan now to attend. Ask for **FREE** catalog. Please mention this publication.

C. D. FREEL & SON, RUNNELLS, IOWA

Auctioneer, Harry Duncan

REAL PRINCE DOMINO

Selling in the Creston Sale

CRESTON, IOWA FEBRUARY 18th

The Hereford breeders who are interested in buying a good bull should be at the Creston, Iowa, sale on February 18th when I will sell my noted herd bull, Real Prince Domino 121st. He has been a great sire in my herd, and many of his sons are heading herds all over this country. He is a son of old Real Prince Domino, and out of Diamond Belle 2d by Prince Domino F. This bull's sons have been in demand everywhere, but I am retaining his heifers and must let him go. He is seven years old, but in good breeding condition. He is a good individual, good quartered bull and a real breeder. See him in the Creston, Iowa, sale on February 18th.

T. M. Hayden **Creston, Iowa**

SPOTTED POLANDS

Sale at farm Northwest edge of

Clarion, Iowa, Feb. 15

50 CHOICE GILTS

A choice offering, all well-grown, the right type, and fed to produce good thrifty litters everyone likes. Sired by PIN UP, a son of King Pin, MILLER'S PRIDE and MADE RITE by Bilt Rite. Best in blood lines. Bred for March litters and mated to SUPER SIDES, a son of Midway, Missouri Grand Champion, out of a WAR RATION Dam. DREAMBOAT by Today's Pattern from a Super Chip Dam and DIAMOND DICK 2d. Your opportunity to purchase good well-bred gilts, mated to top boars. Come. Ask for FREE catalog. Please mention this publication.

C. H. Miller & Sons, Clarion, Ia.

Duroc Sale

To be held at the National Swine Palace

COLFAX, IOWA, MARCH 12

A choice lot of sows and gilts, mostly daughters and granddaughters of **BREED BUILDER**, the sire and grandsire of Iowa, Illinois, Missouri and Colorado grand champions, mated to **ESCALATOR**, one of the breed's greatest boars and **SPOTLIGHT**, 1945 Minnesota grand champion. The sire and grandsire of more of the breed's great boars than any living boar. Plan to come. Ask for **FREE** catalog. Please mention this publication.

Leo Gannon **Mingo, Iowa**

BERKSHIRE

BRED SOW SALE

At farm, located 14 miles northeast of Sioux City, Iowa, on Highway No. 77

ELK POINT, SOUTH DAKOTA FEBRUARY 19, 1947

40 Top Gilts Bred for Spring Farrow

A fine offering of well-bred gilts, top in pedigree and with excellent quality. We have the service of **IOWA BOY**, sire of Champion He was top boar at 1945 Northeastern Nebraska sale. You will like the merit of this offering. **COME.** Ask for **FREE** catalog. Please mention this publication.

Dakota Point Farm

DOUGLAS BUSSE, ELK POINT, S. D.

SHORTHORN DISPERSION

of the three herds of REILLY, CROUCH and HAVERKAMP

At stock yards sale pavilion

Sioux City, Iowa

TUESDAY, FEBRUARY 18, 1947

102 HEAD

25 COWS WITH CALVES 32 BRED COWS AND HEIFERS
13 OPEN HEIFERS 7 BULLS

A complete dispersion of three small select herds, all of which are rich in the blood of **GOLDFINDER** breeding.

HOWARD V. REILLY, Sergeant Bluffs, Iowa, established a great herd and ill health forces him to sell. **23 LOTS**, 2 bulls, 9 cows with calves, 9 bred females and 3 open heifers. Herd bull, **GOLDFINDER BARONET**, a top bull in Dewar sale. His progeny will please. Daughters of **GOLD ACCENT, SUPREME RIVAL, GOLD NUGGET, SUPREME GOLDFINDER, DIVIDE STATESMAN**, and **LUCY'S GIFT**. One of the Sui-A-Bar herd bulls was bred by Reilly by Browndale Silver out of a dam by Lucy's Gift 3rd. All good, popular families.

LLOYD E. CROUCH, Hinton, Iowa. **27 Lots**, including the herd bull, **RED DUST**, Grand Champion 1945 Tri-State Show. A good tried sire for someone. His smooth beefy calves will impress you. This herd, established in 1912, has sold top cattle through the Interstate sales. **HILBROOK SERENADE**, reserve champion bull at 1942 Interstate Show, left his imprint in this cow herd. **PERFECTION SECRET**, a Reserve Champion bred by Sumption Bros., was used successfully in the herd. Also **Perfection Ladas** sired choice cattle. 6 of his daughters sell. 7 cows and calves, 12 bred females, 6 open heifers. Females Calfhood Vaccinated.

LEO HAVERKAMP, Remsen, Iowa, **27 Lots**, 3 bulls, 9 cows with calves, 11 bred females, 4 open heifers. The herd was established in 1935 with top females. They are big, thick, deep-bodied cows, rugged, good heads, and the proper type. **BROWNDALE RED** by Browndale Hero sired some fine females. 8 daughters sell. The present herd bull, **GOLDFINDER'S COMBINATION**, one of the best sons of the Supreme Rival by the $8,000 Supreme Goldfinder, dam by Gold Nugget, Iowa Junior Champion. He is the sire of a great lot of calves. Younger females bred to **COUNTESS DOUBLE**, a red son of Double Goldfinder. Remember a Dispersion offers bargains. Plan to come. Ask now for **FREE** catalog. Please mention this publication. Address

MERVIN F. AEGERTER, Sale Mgr., SEWARD, NEBRASKA

AUCTIONEER: J. E. HALSEY M. T. WHITE, FIELDMAN

HULTINE-BLOMSTROM

4th Annual Polled Shorthorn Auction

Nebraska State Fair Grounds

LINCOLN, NEBR.

Friday, February 21

12:30 P. M.

23 TOP BULLS 37 CHOICE FEMALES

FRED BLOMSTROM & SONS, Waverly, Nebr., 13 yearling bulls, 12 BRED and open heifers by **GLOSTER DALE** and **VALLEY VIEW NUGGET**, a great young son of the **$4,000** Collynie Compact, sire of the International Grand Champion female, and 1st **Get of Sire**. Sons and daughters of **GLOSTER DALE** have been top winners and top selling cattle in many State and National Shows and Sales.

ALBERT HULTINE & SONS, Saronville, Nebr., **10** yearling bulls and 25 choice females. The females include cows with calves, bred and open heifers. Sons and daughters of **RIVERSIDE FASCINATOR, COLLYNIE FASCINATOR**, and **LYNNWOOD NUGGET**. Many mated to **COLLYNIE GOOD NEWS**, a solid red son of **RIVERSIDE FASCINATOR**, which gives promise of being the greatest bull ever used in the Hultine herd. His first calves are outstanding.

HULTINE-BLOMSTROM Polled Shorthorn cattle have done well for others, they will do likewise for you. Breeders, Farmers and Commercial herds, they will produce top quality **Polled**, smooth-headed, typy, uniform calf crops that will return a profit. Buy from two of America's best known herds. Ask now for **FREE** illustrated catalog. Please mention this publication. Address

MERVIN F. AEGERTER, Sale Mgr., SEWARD, NEBRASKA

Auctioneer, J. E. Halsey

ATTEND THESE SALES—Feb. 19—Omaha Shorthorn sale; Feb. 20—Omaha Polled Shorthorn sale, and Feb. 22—Andrews-Haigler Ranch, Kenner Farms sale, Cambridge, Nebraska.

DANIELSON'S HAMPSHIRE SALE

In Comfortable 4-H Barn

Nevada, Iowa, Wed., Feb. 19

50 SPLENDID SPRING GILTS

One of the best lots to sell this year. All well-grown, very uniform and large. Sired by **RE BOUNCE, GLENDALE CENTURY, OVATION JR., NEW IDEA** and **MODERN TREND**. Best in breeding. They are bred to **CARRY THRU**, a son of Carry On, the great Kaster sire, out of a **CRUSADER** dam. **RE BOUNCE**, a top son of **BOUNCING ON**. **RE BOUNCE** is a litter mate to the Iowa Grand Champion Post War. All are **100% BANGS TESTED**. Plan to COME. Ask now for **FREE** catalog. Please mention this publication.

DANIELSON BROS., NEVADA, IOWA

32nd ANNUAL SPRING

SHORTHORN SALE

SHOW 9:00 A. M. **SALE** 12:00 Noon

In Omaha Horse and Mule Barns

South Omaha, Nebr.

Wednesday, February 19

—102 Head—

76 BIG RUGGED BULLS — 36 DESIRABLE FEMALES

Consignors from 5 states have listed their best cattle. It will be one of the best offerings ever sold at an Omaha sale. The cattle are excellent individuals by well known sires and rich in pedigree. Top females, cows with calves, bred cows and heifers and attractive open heifers. A great **BULL** opportunity, to select a herd bull, bulls for cross-breeding and large commercial herds. Buy half brothers to the sire of the International grand champion steer in this sale. The large number affords a wide selection. Those who have bought in former sales return each year. The place to make profitable selections. Be sure to get the big **FREE** catalog. See address below.

32nd ANNUAL SPRING

Polled Shorthorn Sale

SHOW 9:00 A. M. **SALE** 12:00 Noon

In Omaha Horse and Mule Barns

South Omaha, Nebr.

Thursday, February 20

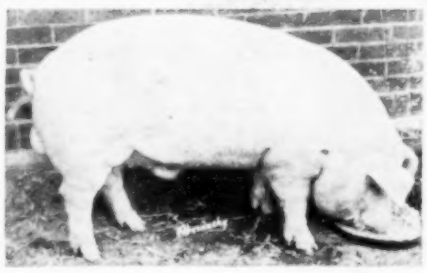
126 HEAD—66 EXTRA CHOICE BULLS—60 RICHLY BRED FEMALES

Former sales at this place have furnished cattle that have been winners and top sellers later in the biggest shows. This event will be no exception. There are 34 consignors from 4 states . . . **AMERICA'S** largest Polled Shorthorn Auction. The 32 years of selling here has proved Omaha to be the best source of supply for quality and well-bred cattle. The place for our best cattlemen to make admirable and profitable selections. Cows with calves, bred cows and heifers and open heifers ready to mate. The place to secure your herd sire, by great bulls. The large number affords the widest selection of the year. Plan now to attend both days, or sales all week. The catalog will be sent **FREE**. Ask for it, please mention this publication. Kindly indicate which one you desire. Both are available if you wish. Address

MERVIN F. AEGERTER, Sale Mgr., SEWARD, NEBRASKA

Auctioneer, J. E. Halsey

REMEMBER Feb. 21—Hultine & Blomstrom (Polled), Lincoln, Neb.
Feb. 22—Andrews-Haigler Ranch and Kenner Farms, Cambridge, Neb.



Model Chieftain, 1946 Iowa Junior, and Reserve Grand Champion, a son of Big Chief and a litter mate to Reserve Grand Champion Barrow.

Quality Chesters

Sale at Farm

LE GRAND, IOWA
FRIDAY, FEB. 14th

50 TOP SPRING GILTS

They are sired by **BIG CHIEF, VICTORY LAD** and **SILVER LAD Jr.** Included is 1946 Iowa reserve Junior Champion, also 4 litter mates to **MODEL CHIEFTAIN.** Remember **BIG CHIEF** was sire of 1946 Iowa Grand Champion pen of Barrows over all breeds. They are bred to **BIG CHIEF** and **FASHION'S MODEL**, a prize winner at 1946 Iowa Fair, a son of Fashion Plate. Plan to attend. Ask for FREE catalog. Please mention this publication.

C. T. KEEN & SONS, LE GRAND, IOWA

Auctioneer, Clair Mason J. E. Halsey, Fieldman

HAMPSHIRE SALE

At farm, located 1 mile south, 2 miles west of

AYRSHIRE, IOWA, FEBRUARY 14, 1947

50 REGISTERED GILTS

Choice gilts sired by **GLORY BOUND ACE** by All-American Glory Bound, and **CYCLOTRON**, a son of V-Day, and bred for March and April farrow to **HI HOPE MODEL BOY**, a grandson of Transformer, and **OVATION CHIEF** by Ovation. The gilts are growthy, from large litters, will weigh from 300 lbs. to 450 lbs. Included is the Reserve champion gilt at several fairs. Also gilts from **FIRST, GET OF PRODUCE**, and **YOUNG HERD** at same fairs. Fifteen off-marked unregistered gilts, ideal for commercial hogmen and bred to above herd boars. Also 8 **FALL** gilts open, 4 **FALL** boars by **CYCLOTRON**. All are vaccinated. Sow guaranteed in pig. Plan to attend. Ask for **FREE** catalog. Please mention this publication.

ALBERT J. LARSON, AYRSHIRE, IOWA

Auctioneer, Paul Goode

Advertisement

From where I sit ... *by* Joe Marsh

How to Stop Worrying

I guess folks in our town do about as much worrying as in yours—over housing, prices, crops, and jobs—and all those troublesome little domestic problems that are always coming up.

Dad Hoskins, who's lived to the happy age of eighty, has a simple formula for stopping worry. About every problem, he asks himself: Is there anything I can do about it? If there is, he never postpones taking whatever direct action he's able to.

If there isn't anything he can do about it, he sets aside a "worrying hour" after dinner, and gets all his worrying over in one concentrated period. Then he feels free to relax over a friendly glass of beer with Ma Hoskins—and they talk about pleasant things together, until bedtime.

From where I sit, that's just about as workable a formula as you could find anywhere . . . right down to the mellow glass of beer that seems to wink away your worries.

Joe Marsh

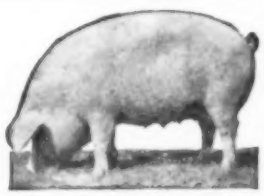
Copyright, 1946, United States Brewers Foundation

Banner Stock Farm Chesters

Sale at farm, located 15 miles west of Cedar Rapids, and just north of

Newhall, Iowa

Saturday, Feb. 15th



85 HEAD

50 CHOICE MARCH AND APRIL SPRING GILTS
35 EXCELLENT FALL AND WINTER GILTS

One of the finest offerings to sell this year, the usual Banner Stock Farm type and quality. Sired by THE BANNER LADDIE, BANNER WHITE ROCK, IOWA SENSATION, and IOWA LAD, all herd boars in this herd. Several choice gilts by SILVER LAD, Jr., and NEBRASKA CHAMP. The choice offering selected from 125 head will be bred to THE BANNER, Jr., a truly great breeding son of the famous sire THE BANNER; BANNER'S PERFECT DESIGN, the outstanding 1946 senior fall pig and BIG CHIEF MODEL, top pig in the Keen sale and top selling boar west of the Missouri. The best three herd boars ever used at Banner Stock Farm. Presented in wonderful condition to produce profitable litters. We offer SPECIAL PREMIUMS to CLUB BOYS . . . an opportunity for CLUB members to purchase sows at prices that will make them money. Plan to come. Ask for FREE catalog. Please mention this publication.

ALBERT H. STUART, NEWHALL, IOWA
Auctioneer, J. E. Halsey

Anderson & Sons Poland China Sale

40—Bred Sows—40

MANNING, IOWA, FEBRARY 18, 1947

We are selling a classy lot of bred sows in this sale. These are sired by Reconversion, A's Defense, Packer's Best, Pay Day, Black E. Right Lad, and other noted sires. These are bred to Reconversion, one of the top selling boars of 1945, The Goal, top selling boar pig in Poland Chinas the last twenty-five years, and Confidence. These are all bred for March and April farrow. Write for our catalog, but be sure to come to our sale. Please mention Wallaces' Farmer and Iowa Homestead when asking for catalog. Address

B. F. ANDERSON & SONS, BOTNA, IOWA
Auctioneer, Col. H. S. Duncan

Conover's Berkshire Sale!

HOLSTEIN, IOWA, THURSDAY, FEB. 20th

For our 8th annual bred sow sale we offer our **JUNIOR CHAMPION** gilt at Spencer, Iowa. Bred for an early March litter to **OMAHA 3rd AGAIN**, the Grand Champion Boar at Spencer. Also half sisters to our reserve Champion Barrow at **Waterloo**. Offering will be bred to **OMAHA 3rd AGAIN**, Grand Champion; **BONNIE ACRES CLIPPER, BAR NONE MODEL**, a son of **THE BOMBER**, twice Nebraska grand champion and **WILDFIRE PICKET 2d**. All famous blood lines and the low-down, thick-bodied type with good heads. We raised the boars that sired the International Grand Champion carload of Barrows at Chicago for 6 years. Be sure to attend. Ask for **FREE** catalog. Please mention this publication. Address

C. E. & ALEX CONOVER, HOLSTEIN, IOWA

When writing to our advertisers, please mention that you read their advertisements in Wallaces' Farmer and Iowa Homestead.

CRESTON HEREFORD ASSOCIATION SALE

32 Bulls, 30 Cows and Heifers

Orient, Iowa

Tuesday, FEBRUARY 18th

Sale to be held at the Orient Sale Barn, 10 miles north of Creston, 1 mile south of Orient, Iowa

CONSIGNORS

ADOLPH BECK	Lenox, Iowa	IRA REED	Orient, Iowa
WALTER BLOUER	Afton, Iowa	W. A. MILLER & SON	Lenox, Iowa
CHAS. BOYER	Prescott, Iowa	C. H. McKINNIE	Afton, Iowa
CLARK GRANDFIELD	Lorimor, Iowa	WILBUR REED	Orient, Iowa
T. M. HAYDEN	Creston, Iowa	D. B. RYAN	Corning, Iowa
A. R. HURLEY	Winterset, Iowa	LES RYAN	Corning, Iowa
JOE HATTON	Corning, Iowa	WAYNE SHERIFF	Orient, Iowa
GUY HENDERSON	Clearfield, Iowa	C. S. WIMMER & GARRETT	Afton, Iowa
		FLOYD H. WOODS & SONS	Orient, Iowa

We have a most excellent offering for this sale. There will be 32 head of bulls in this offering, mostly of breeding age. Some good tried bulls, among which will be Real Prince Domino 131st, a seven-year-old, consigned by T. M. Hayden. This bull has done wonderful service in the Hayden herd, is a regular breeder, and sold for no fault whatever, but he is retiring his heifers in his herd and is therefore selling him for an attraction. There are a lot of splendid yearling bulls in this sale, whose breeding and individual merit is good enough that they could go to the head of good herds. There will be some good cows and some very nice heifers in this sale. Remember the sale will be held at the sale barn, 1 mile south of Orient, Iowa, or 10 miles north of Creston, Iowa. When writing for catalog please mention Wallaces' Farmer and Iowa Homestead. Address

LLOYD H. WOODS, Secretary, R. R. No. 3, CRESTON, IOWA

IOWA STATE ANGUS

SHOW	SALE
12 Noon	12 Noon
March 10th	March 11th

In comfortable pavilion, Iowa State Fair Grounds

Des Moines, Iowa, March 10, 11

128 HEAD—58 Good Bulls, 70 Choice Females

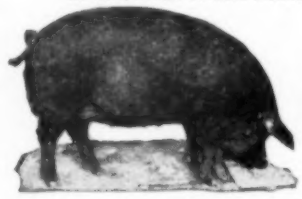
A choice offering drawn from **51** of the best herds in Iowa. The bulls are an outstanding lot with **90%** of them over 18 months old, ready for good service. High-class herd bulls are plentiful, a bull for every need. Your opportunity to select a real bull. The **70** females are a beautiful lot, mostly the **1945** crop, sired by great sires and some are mated. Others are ready now to mate to your herd bull. The sort for foundation purpose. The entire offering represents the most popular breeding. An opportunity for breed improvement. The large number affords a wide selection. All cattle will be **T.B.** and **BANGS** tested. A **sale** and **show** you will want to attend. More details in next issue. Ask **now** for **FREE** catalog, sent only on request. Please mention this publication. Address

DICK JAY, Secretary, R. R. 2, AMES, IOWA
IOWA STATE ANGUS BREEDERS ASSOCIATION
Auctioneers, Roy Johnston and Clair Mason

ANNUAL SALE

Willey's Duroc Bred Gilts

At farm, located 15 miles northeast of Fort Dodge, Iowa, and 2 miles northeast of



Vincent, Iowa

Wed., Feb. 12th

60 EXCELLENT SPRING GILTS

All choice gilts of medium type, sired by top ranking boars of the breed such as **PERFECT KING**, 1944 Iowa Reserve Champion; **MODEL CHERRY 1st**, largest boar shown at 1946 Iowa State Fair; **TOP SPOT**, 1945 Iowa Junior Champion; **CROWN PRINCE**, 1945 Illinois Grand Champion; **COB ROLLER**, 1946 Nebraska Grand Champion; **CORN HUSKER**, 1945 Nebraska Junior Champion. They are mated to **LOW SET**, the famous 1945 Iowa Grand Champion. He is truly a great boar and a sire supreme. A few gilts bred to **HIGH SPOT** and outstanding son of Top Spot. Breeding and quality unsurpassed. **COME.** Ask now for **FREE** catalog. Please mention this publication.

ELMER WILLEY, VINCENT, IOWA
Auctioneer, J. S. Hall

Daggett's Hampshire Sale

At Central Iowa Fair Grounds

Marshalltown, Iowa, February 18

50 EXTRA CHOICE BRED GILTS

They are an excellent lot, the tops from my herd, sired by **PARAMOUNT** boar and with some extra choice gilts selected from the **LENHART, PUTNEY, HENSDORF, SOORHOLTZ, MEHL, WALTERS, FULLER, McREYNOLDS,** and **FULMER** herds. They will be mostly bred to **CHECKERS**, the sensational boar, a son of Compress, the Illinois Grand Champion. He was considered to be the thickest and shortest-legged pig to sell last fall. Others bred to **SILVER CREST**, a top boar from the H. G. Manuel & Son herd. He is a grandson of the All-American, **Grand Hi-Roller.** Quality and breeding that will please. Plan to attend. Ask for **FREE** catalog. Please mention this publication.

RAYMOND DAGGETT, CONRAD, IOWA
Auctioneers, C. G. Mason and Shaw

NORRIS VOGE'S

Spotted Poland Sale

50—Head—50
HARLAN, IOWA

February 22nd

This is a grand good lot of bred gilts, full sisters to the boars that I sold for $104 in my fall sale. These are sired by Broadform by Starbeam; Sunlight by Spotlight; also litter by The Answer. They are bred to Wilson's Choice by Grandview Supreme, the $3,000 Art Stevenson boar. He is a litter mate to the litter that averaged $442 six boars sold. I am selling this sale at Harlan, Iowa, at the fair grounds. Watch next issue for further particulars. Write for catalog and please mention Wallaces' Farmer and Iowa Homestead. Address

NORRIS VOGE, Owner
Neola, Iowa
Auctioneer, Charlie Taylor

PUREBRED

DUROC GILTS

At Public Sale
WASHINGTON, IOWA

February 24th

65 HEAD

All Will Farrow in March

These gilts are big, thick, typy gilts with deep hams. Bred to top boars . . . **SHOW BOY, IDEAL ACE, VICTORY LAD, THREE "S"** and **SHOW BOY JUNIOR.** Individuality plus best blood lines. Ask now for **FREE** catalog.

SUNSET KNOLL FARMS
Box 492
Washington, Iowa
J. C. HOLBERT DON L. RINNER

CLOSING OUT

Spotted Poland SALE

At Woltz Barn
JEFFERSON, IOWA, FEB. 4th
30 Gilts—6 Tried Sows

Gilts weighing 400 lbs. Mostly sired by **PARKER'S PET PRIDE** and bred to **SPOTTED LAD.** Just the kind for 4-H Club work or a farmer to raise a herd boar from. **COME.**

Hensley McClurg, Jefferson, Ia.

SPOTTED POLAND CHINA SALE

45—BRED SOWS—45
BLAIR, NEB., FEBRUARY 18th

Our sows are sired by Starbeam Domino and Midnight, and they are bred to Valleyview Supreme, top boar in the Fred Gudhe sale, and New Glory, top boar in the Spaulding Bros. and Beckwith sale. Will also sell 10 head of fall boars and 10 head of fall gilts. Write for catalog and please mention Wallaces' Farmer and Iowa Homestead.

NELSON & PAULSEN
BLAIR, NEBRASKA

BROWN SWISS

DISPERSAL
H. L. Munn Lbr. Co.
TUES, FEB. 11, AMES, IOWA
40—Registered Swiss—40
35 Females — 5 Bulls
Fresh Cows — Close Springers
Bred Heifers — Heifer Calves

Herd headed by a splendid record Pearson bred bull. Jane of Vernon and Voegeli blood lines.

12 Noon at Farm
2 mi. west of Gilbert and 9 mi. N.W. of Ames

For free catalog write:
V. B. VYE, Sale Mgr., Waukesha, Wis.

CHESTER WHITE SALE

At Fair Grounds
OSKALOOSA, IOWA, FEBRUARY 12th
45 BRED GILTS 12 FALL BOARS
16 OPEN FALL GILTS

12 bred gilts are granddaughters of **SILVER LAD,** Iowa grand champion; others by **BRAND'S ATTRACTION,** the undefeated and 5 times grand champion. Bred to outstanding boars. All my sows averaged over 9 pigs raised per litter last year. Ask for **FREE** catalog.

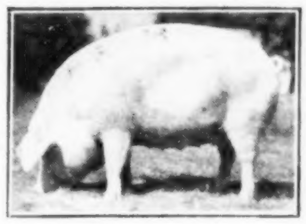
HERBERT F. HOOVER, OSKALOOSA, IOWA

When writing to advertisers, will you please mention this paper.

ROY V. COPP'S

CHESTER WHITE SALE

Twenty-sixth Annual Offering



Glidden, Iowa THURSDAY, February 13th

I am selling a lot of big, growthy, medium type gilts, sired by Portage Renown, Clarmont Ballancer, Copp's Victory, Don, and these are bred to Portage Renown, Clarmont Ballancer, Copp's Victory, '46 Model and Choice Goods, for March and April farrow. My offering is immune and guaranteed. Write for my catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

ROY V. COPP, GLIDDEN, IOWA
Auctioneers, J. E. Halsey and O. R. Stevens M. T. White, Fieldman

EMIL DREHER'S SALE

Spotted Poland Chinas

40 Head Big Spring Gilts

AUDUBON, IOWA, MONDAY, FEBRUARY 17th

These sows are sired by Gate's Wonder, Commander Quality and Spotlight Jr., and they are bred to **STREAMLINER,** a choice fall boar; **JR. SPOTLIGHT** and **SPOTLIGHT LEADER,** both sons of **SPOTLIGHT JR.** by Spotlight. I have also used a Gold Bond boar on many. I am selling six litter mates to these herd boars in my sale, and they are strictly choice. It is a combination of the best blood lines known to the breed, and they are sired by and are bred to the best boars that I have ever owned. I say it is by far the best lot of sows I have ever sold from my herd. Ask for **FREE** catalog. Please mention this publication.

EMIL DREHER, AUDUBON, IOWA
Auctioneers, Taylor and Martin

LIPPOLD'S

HAMPSHIRE SOW SALE

February 22nd, 1947

AVOCA, IOWA (Sale on the Farm)
85 HEAD—35 Fall Gilts, 50 Spring Gilts

All are well grown, with quality, type, style, breeding, etc. Bred to such boars as Square Block, Ring Master, Gold Trust, Spring Time, Sky Commander, Square Block. The latter boar is the sire of No. 17 in Harry Knabbe's fall sale and topped the sale at $1,330. The top gilt in his sale was a litter mate at $235. Sale to be on farm, 4½ miles southwest of town, regardless of roads and weather. Roads will be kept open in case of a snowstorm. Dinner served at noon. All sows guaranteed in pig. Send bids to any of our field men. Don't send any money until you are sure you like the sow. However, must have a letter from your banker saying you are an honest man to do business with. Write for **FREE** catalog and mention Wallaces' Farmer and Iowa Homestead. Address

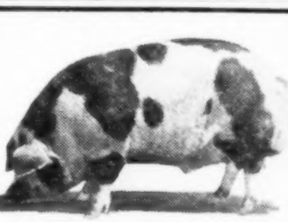
GEORGE LIPPOLD & SONS, AVOCA, IOWA
Col. G. H. Shaw, Auctioneer

Rath's Spotted Polands

For its central location I am holding my sale of bred gilts at the Swine Palace at

COLFAX, IOWA
FEBRUARY 20th, 1947
40—HEAD—40
BRED FOR MARCH AND APRIL LITTERS

I am selling 40 head of the greatest gilts that will sell this year. They are sired by:
HIGH FLASH—1945 Iowa Grand Champion
TRUE TOMORROW—Another Iowa Champion
VICTORY BOND—Nebraska Junior Champion
SILVER SPOT—1945 Iowa Junior Champion



TRUE TOMORROW, CHAMPION FALL BOAR

The gilts will weigh from 300 to 400 pounds. These gilts are thick and are carrying a lot of quality. Write for a **FREE** catalog showing pictures of herd boars and describing each litter.

EUGENE J. RATH, MISSOURI VALLEY, IOWA
Auctioneer, Luke Gattie Send bids to M. T. White, Fieldman, in my care

CLOVERGOLD

AYRSHIRE SALE---Monday, February 17th

Sale at farm, 5 miles east U. S. 71, and 7 miles north of U. S. 20

50 FEMALES, 10 BULLS. All registered. **D.H.I.A.** tested. Featuring the service of our Imported **RIVERBOW AMBASSADOR,** second two-year-old at Iowa State Fair. Dams two-year-old record **460 lbs.** fat **4.8%** test and several of his calves. Yearlings by Imported **CLOVERGOLD QUARTERMASTER,** his dam making up to **75 lbs.** fat a month. Seven three-year-olds, just fresh by **DESERT CREST'S RADIANCE,** dams best record **603 lbs.** Only animal over 5 years old is **CARRIE'S FLORENCE,** an outstanding New York cow by Penhurst Remus. **BANGS vaccinated.** Accustomed to ordinary care. Sold with winter coat of hair to minimize shipping risks. Ask for **FREE** catalog. Auctioneer, Robert Seitz.

CLOVERGOLD HONEY FARM, NEMAHA, IOWA

DUROC SALE---Bred Sows

At Fair Grounds
SPENCER, IOWA, MONDAY, FEBRUARY 17th
45 HEAD—GOOD QUALITY

Choice spring gilts, many of them outstanding, the medium type, well-grown, cherry red. Most of them sired by sons of **PERFECT KING** or out of dams by **PERFECT KING.** Many will weigh from **400 lbs.** to **500 lbs.** Bred to 3 outstanding boars, two of them sired by **GOLDFINDER.** Plan to **COME.** Ask for **FREE** catalog. Please mention this publication.

ROY HAGEDORN, GREENVILLE, IOWA

SCOTTWOOD FARMS

AYRSHIRE

Dispersal

Monday, March 3

11:00 A. M., Aurora Downs Pavilion
AURORA, ILLINOIS
Ayrshire of Distinction

125 Head 125

Selling . . .

NETHERHALL SWANKY DAN IMP.
King of all show bulls
Winner of 65 championships

TANDLE HILL WIDOW
A Grand Champion
Producer and Reproducer

HARLEYHOLM MAY QUEEN 7th, IMP.
A Grand Champion, member of our great breeding herd

Never before in the history of Ayrshires has so much blue blood been offered in one sale. Ask for **FREE** catalog. Please mention this publication. Address

FRANK V. LILE, Sales Mgr.
Bellefontaine, Ohio

Hampshire SALE

At farm, 2 miles east of Marion on U. S. 151, and 6 miles north on Highway 13 and ½ east

MARION, IOWA, FEB. 11
50 SPRING GILTS

A choice lot of the middle-of-the-road type, fed a balanced ration and should raise some real litters. Bred for **March** and **April** farrow to **SUPREME BOY,** a son of O'Boy; **MAY BEE SURPRISE,** a son of Pleasant Valley A.; **LIGHTS ON,** a son of Time to Shine, and **MODEL MAESTRO,** son of Glory Maestro. He was the top pig in the Putney sale. They are by **ONE A. PLUS** by One A., **SUPREME BOY** by O'Boy and **MAY BEE SURPRISE.** Best in breeding. Herd **100% Bangs tested.** Come. Ask now for **FREE catalog.** Please mention this publication.

ALBERT W. MARTIN & SONS
Marion, Iowa
Auctioneer, Thos. Sherlock

Hampshire Sale

At farm, 1½ miles south of town on Highway No. 78

WINFIELD, IOWA
FEBRUARY 13th
50 SPRING GILTS

A choice offering mostly sired by **SHINE ON 1-A.,** a top son of **Shine On,** out of a **1-A** dam. All well-grown, with type and plenty of quality. Mated to **POST WAR HONOR,** a top son of **POST WAR,** 1946 Iowa grand champion. Plan to come. Ask for **FREE** catalog. Please mention this publication.

E. R. BRENNEMAN
Winfield, Iowa

Berkshire Sale

In Sale Barn
WINTERSET, IOWA, FEB. 12
30 Spring, 10 Fall Gilts

A desirable lot sired by **DENSON CHARMERS FLASH 10th** and **DENSON CAVALIER.** Bred to **PICKET'S EVENTUATION AGAIN 2d,** the 1946 top selling boar at $625 at National Show, Spencer. **DENSON CHARMER FLASH,** 3rd prize boar at Spencer and **EPOCH'S CHAMP'S CHIP,** top son of Epoch's Champ. We sell **CHIPPEWA'S QUEEN 12th,** Reserve Champion at Minnesota Breeders sale, mated to **PICKET'S EVENTUATION AGAIN 2d. COME.** Ask for **FREE** catalog. Please mention this publication. Address

O. C. Wilcox Earlham, Iowa

DUROC SALE

At Fair Grounds
SPENCER, IOWA, FEBRUARY 5th

45 purebred gilts, tops from **WALTER RIEBESELL,** Calumet; **A. J. GACKE,** Sibley, and **WALTER HIRT.** Bred to **W. R.'s CHAMP,** junior champion at Spencer; **IOWA KING, PATHMAKER,** and top boar in Current & Samuelson sale. Good type and quality. Ask for **FREE** catalog.

WALTER HIRT HARTLEY, IOWA

OUR ADS ARE NEWS

5th Annual National Aberdeen Angus Show and Sale

To be held at Union Stock Yards

Chicago, Illinois
February 18,19,20

The top production of North America's leading Aberdeen-Angus herds will be strongly represented in the 1947 National Show and Sale

225 HEAD—50 HERD BULLS, 175 FOUNDATION FEMALES

THE BULLS

Real quality herd bull prospects of the most modern type and richest blood lines that will please the most discriminating buyers. Included are many show ring champions. This great selection of vigorous bulls comes to the **NATIONAL** sale from the country's strongest herds. Your opportunity to select a herd sire from the 50 head.

THE FEMALES

The 175 females are a grand offering, many are champions from the state fairs and national shows. All are carefully selected young females which have their producing life ahead of them . . . everyone picked especially for this **NATIONAL** sale. You can help improve your herd . . . they will work breed improvement wherever they go.

FREE FREIGHT PREPAID

The American Aberdeen-Angus Association will reimburse any purchaser, or group of purchasers, that buys and ships a carload of 10 lots or more from this **NATIONAL** sale to one destination, up to a maximum of **$200.00** for freight charges, exclusive of cost of feed or incidentals. Shipments may be made only by rail and must be consigned to a point more than **200** miles from Chicago. Contact breeders in your locality in an effort to consolidate such a shipment.

An outstanding event you will want to attend. Make plans now. Be sure to apply for the **FREE** catalog, sent only on request. Please mention this publication when writing. Address

FRANK RICHARDS, Secretary **CHICAGO 9, ILLINOIS**
7 Dexter Park Ave., Union Stock Yards
AMERICAN ABERDEEN-ANGUS BREEDERS ASSOCIATION

ADOLPH GROEPPER & SONS' SALE

Spotted Polands

50 HEAD—Sale in Afternoon
REMSEN, IOWA

Monday, February 10th, 1947

We want all of our friends to be with us on February 10, when we will sell an offering of Spotted Poland China gilts that will please all of the boys. You know we have aways put up a good offering, but we want to say to you that we have never sold a better offering than we will sell in this sale. There will be 50 head and they are litter sisters to the boars that sold so well in our fall sale. They will weigh from 450 to 500 pounds by day of sale and they are not fat. They are sired by Topper, by Invader; and Dogwood by Defense Bond. They will be bred to the top boar in the P. Conway sale, and he was one of the top boars sold last fall, and one of the top boars in the J. C. Lister & Son sale. As we said above these gilts are full sisters to the boars that averaged $116 in our fall sale and take it from us they are good. Write for our catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

ADOLPH GROEPPER & SONS, REMSEN, IOWA
Auctioneers, Taylor and Martin

BERT BROEK & SONS' SALE

Duroc Jersey Bred Sows

60—HEAD—60

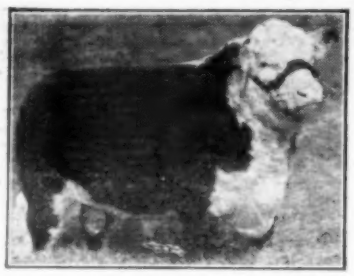
Sioux Center, Iowa, February 15th

We are holding this sale on our new farm, two and three-quarters miles north of Sioux Center, or four and three-quarters miles south of Perkins Corner, on Highway No. 75. We are telling you that this is the greatest offering of gilts that we have ever cataloged for a public sale and everybody who has seen them says the same thing. These are the big, thick, good colored kind, with quality and type. We don't think we have ever sold a better offering of sows. These are sired by Broad Fancy, Royal Crown, Stardale and Goldfinder. These are bred to Broad Fancy, one of the best sons of Royal Fancy, and we believe he is Royal Fancy's top breeding son. Then we bought two young boars, one by Royal Improver, and one by Master Pattern, and these were two of the best boars we could find. We are also selling seven head of top POLLED SHORTHORN BULLS, dark reds and good roans, sired by Superb Monarch and out of King Sultan dams—deep in polled blood. Write for our catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

BERT BROEK & SONS, SIOUX CENTER, IOWA
Auctioneer, Col. John Hall

—SAVE MONEY THE EASY WAY—BUY U. S. SAVINGS BONDS—

NORTHWESTERN IOWA



POLLED HEREFORD

BREEDERS ASSOCIATION SALE
50 Head—40 Bulls, 10 Females
At the Clay County Fair Grounds
SPENCER, IOWA

FEBRUARY 19th

Our previous sales (27 of them have been held at LeMars, Iowa), but owing to the sale of the sale barn at that point, we were compelled to hold this sale at Spencer, Iowa, where we have the best of accommodations.

We are selling 40 head of outstanding bulls in this sale and 10 females. We think it will be one of the best offerings that will be sold this year. These cattle come from noted herds that have been breeding Polled Herefords for the past thirty years. Cattle from many of these same herds have made noted reputations throughout this entire country.

The bulls are all of good age and are ready to go right to work for you. In fact many of the bulls in this sale will make high class herd bulls. The females are also a picked lot, and if you are buiding a herd you will find they have good breeding, quality and individual excellence to go anywhere. It is an offering that we are proud of. You will find here the breeding, the individual excellence, and the type that they are all demanding just now. Catalog will be sent to all who write for it. When asking for it kindly mention Wallaces' Farmer and Iowa Homestead. Address

ED KRISE, Secy. and Mgr., ROCK RAPIDS, IOWA

RIEMENSCHNEIDER'S

Chester White Sale

40—Head of Very Choice Gilts—40

Kingsley, Iowa
MONDAY, FEBRUARY 17

Sale will be held in the heated sale pavilion on the farm, three-quarters mile east of town, sale commencing at 1:00 P. M. The forty head in our sale are picked from the 75 head on the farm and we never sold a better lot of sows. They are litter mates to the boars that sold in our fall sale, that were regarded as the best lot of boars sold in any sale last fall. We know these are the best lot of gilts we have ever sold, and that is saying a whole lot. These have been well grown, stand well on their feet, have good wide backs, smooth deep sides, and full round hams. All have very neat heads and ears, and are the kind you would want to start your herd. These sows are mostly sired by Balancer Ideal, Silver Liner and Warner King's Son, and they are bred to **SUNNYCREST TOLUCA**, by Tolmo Tip Top; **SUNNYCREST MODELLER**, by Portage Model, and to the three-year-old herd sires, Balancer Ideal, Silver Liner and Warner King's Son. Will have plenty of new blood for our old customers. We invite you all to be with us on day of sale. When writing for catalog please mention Wallaces' Farmer and Iowa Homestead. Address

R. A. RIEMENSCHNEIDER, KINGSLEY, IOWA
Auctioneer, J. E. Halsey

CENTRAL ILLINOIS ANGUS BREEDERS ASSOCIATION, INC.

EARLY SPRING AUCTION

Midway between Bloomington and Peoria, Illinois, on U. S. Highway No. 150, in new heated sale pavilion
CONGERVILLE, ILLINOIS

Friday, February 21

80 DESIRABLE BULLS—50 REGISTERED FEMALES

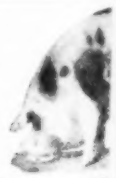
A choice lot of bulls. Good, strong, thick-beefy bulls for ranch or farm. Tried sires suitable for purebred herds. A bull for every need. Bulls to cross with beef and dairy herds to produce market toppers.

THE FEMALES

Fifty registered females, well along in calf, best approved blood lines. A sale where you will have a large selection. Your opportunity to purchase ONE or a CAR LOAD. COME. Ask for **FREE** catalog. Please mention this publication. Address

SIMON E. LANTZ, Secy.-Mgr., CONGERVILLE, ILLINOIS

SPOTTED POLAND SALE



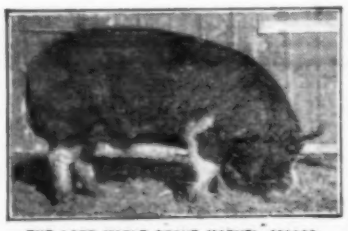
In Sale Pavilion

Sac City, Iowa, February 8

50 TOP SPRING GILTS

Choice spring gilts sired by **NEON FLASH, MODERN TYPE, DURA CHIP** and **TOP QUALITY.** They are mated to **SQUARE SUPREME**, the **$800** boar, a son of the $4,000 Grandview Supreme; **PERFECTION**, a grandson of Sunny Jim 2d and top pig from the Curl Hebner herd, whose litter mate sold for $1,100. He is a son of Goodie. A few are by **NEON FLASH.** Rich in breeding, the thick-bodied, heavy-hammed type with quality. Plan to attend. Ask for **FREE** catalog.

CLIFFORD PITSTICK, JOLLEY, IOWA
Auctioneers, Taylor, Martin and Goodchild



THE LATE MAPLE GROVE MARVEL 431120
FIFTEEN OF HIS DAUGHTERS SELL

Berkshire Sale

In heated pavilion at farm, 17 miles east of Cedar Rapids on U. S. No. 30

Saturday, February 8

1 P. M.

Forty sows sell bred to **ACE HI IDEAL BOMBER**, a perfect headed, big, thick, lengthy son of the great **SETTERS IDEAL.** Sows are also of the thick type with bulging hams, good length, and big front turned up snouts. No finer offering will be found in any auction this winter. You can never get better to buy in numbers. Top quality and farmers' prices always prevail at our sales.

LEO BODDICKER, NEWHALL, IOWA
Auctioneer, Walt Challis

JOE PUDENZ SENSATIONAL

Duroc Jersey Dispersion

55 HEAD--400 and 500 Pound Gilts

Selling at

CARROLL, IOWA

Thursday, February 6th, 1947

After having spent a lifetime in the breeding, fitting and showing of his favorite herd of Durocs he has finally decided to call it quits, and everything goes including his great herd boar, **BIG ORION**, his 1st prize aged boar at the Nebraska State Fair in 1946, and Fairview Royal Topper, one of the toppiest young boars of the present time. This boar, **BIG ORION**, is a son of Orion Compact and out of Golden Lady 1st, by Golden Model. He is not only the wonder sire of the present day, but he still looks like he can go out and win again in the strongest shows. The young boar is also selling, as are all the daughters of **BIG ORION**, together with three or four litters by Mart's Model, Market Topper and Ideal Diamond, and these are out of the highest selling sows in the several prominent herds last winter. He will sell the old boar at private sale or he will sell him in his dispersion sale. These **BIG ORION** gilts are the smoothest, mellowest and best colored lot of sows that he or any other breeder has ever listed in a public auction. He is also selling all of his equipment, rotary feeders, etc. By all means send for his catalog at once and please mention Wallaces' Farmer and Iowa Homestead. M. T. White will attend his sale and will take care of any bids sent in his care. Address

JOE PUDENZ, CARROLL, IOWA

Auctioneer, Jno. Hall M. T. White, Fieldman

H. F. OLERICH & SONS' SALE

POLAND CHINA BRED SOWS

40—Head Outstanding Gilts—40

ROLFE, IOWA

Wednesday, February 19th, 1947

We feel that we are strictly within bounds when we say there is no herd of Poland Chinas in northwest Iowa that has produced as many good ones as we have in the past twenty-five years. In fact we have never stopped producing the good ones, and if you will only attend our sale you will admit the truth of our statement. We are selling 40 head of big, lusty spring gilts, the very pick of our 1946 raising, and these are sired by Square Deal, a son of Wm. Whipple's New Deal, and by Perfect Model, a son of Floyd Friedow's Gentleman Jim. They are bred to **APEX**, the top selling son of Zenith; and to Black Honor, a $620 son of Minnesota Lad. We will feature a Reconversion gilt, bred to Apex, and 2 litter sisters bred to Black Honor. Take it from us these Square Deal gilts are very choice. Write for our catalog and mention Wallaces' Farmer and Iowa Homestead. Address

H. F. OLERICH & SONS, ROLFE, IOWA

Auctioneer, H. S. Duncan

LONG'S HEREFORD HOG FARMS

A SAMPLE OF THE KIND WE PRODUCE

Sale in modern sale pavilion

SAC CITY, IOWA

Monday, Feb. 17

75 HEAD

The tops from our herd, including 55 bred spring gilts, 10 bred fall gilts, 4 fall boars, 6 open fall gilts.

The finest offering we have ever presented. Our herd boars, **MR. CHIPS 1st**, first at Minnesota State sale, **OSCEOLA CHIEF 1st**, a choice junior yearling boar and **MR. DEEDS**. We give away **FREE** a fall pig. A chance for each one present; also each mail bid will rate one chance. **COME**. Ask now for **FREE** catalog. Please mention this publication.

HAROLD C. LONG & SON, LAKE VIEW, IOWA

Auctioneer, Roy Schultis M. T. White, Fieldman

RINEHART'S CHESTER SALE

Sale at farm, 5 miles west, 4½ miles north of

Britt, Iowa, February 8th

38 SPRING GILTS—2 TRIED SOWS

A splendid offering sired by **SUPER LAD**, a son of Silver Lad; **CAVALCADE** or Portage Model; **FULL MEASURE**, a grandson of Modern Design; **WEIGH-A-HEAD** and **MODERN MODEL**. They are bred to **THE DAZZLER**, top boar at Iowa in the Lanigan sale, a son of **THE CHAMP**, 1945 Indiana grand champion; **LO BOY**, a good son of **Portage Ace Jr.** He is low-set, with wide back and heavy hammed. The gilts have had plenty of exercise and feed a balanced ration. An opportunity for 4-H Club members. **COME**. Ask for **FREE** catalog. Please mention this publication.

GLEN L. RINEHART, BRITT, IOWA

ERICKSON'S DUROC SALE

At farm, 1¼ miles east of

STRATFORD, IOWA

February 13th, 1947

35 CHOICE SPRING GILTS

A choice offering, many were tops in fall sales. Well-grown, nicely conditioned. Sired by **REX ORION, PROUD CRUSADER, MARKET TYPE, HI ROLLER, CORNHUSKER, VICTORY ORION, TOP SPOT, MAJOR ORION, TOPS AGAIN, ORION MODEL, KNOCKOUT, THE CHAMP** and **BOLD VENTURE**. Best in breeding. Bred to **STURDY KING**, outstanding son of Breeder's King and **RED COMET**, a real quality boar of show-yard form. You will want a litter by one of these boars. **COME!** Ask now for **FREE** catalog. Please mention this publication.

NORMAN D. ERICKSON, STRATFORD, IOWA

Part of the 31 heifers in the sale; 18 are bred to our great SUNBEAM breeding bull

FEMME OSAGE FARM **40 miles west of St. Louis**

Angus Dispersion

On the farm immediately adjoining town of DEFIANCE, in St. Charles County, Missouri, on State route No. 94, only 7 miles south of main, East and West, New Highway No. 40

Thursday Noon, February 27

108 LOTS—2 herd sires, 5 yearling bulls, picks of 1945 crop; 40 foundation cows, mostly with big, lusty calves; 31 top-quality heifers bred or of breeding age; 20 ready to wean bull and heifer calves, mostly SUNBEAM breeding. Featuring the get and service of our senior herd sire (which sells), **ELBA PRINCE M. 2d** 693554, by Bar Prince 2d of Sunbeam by Black Prince of Sunbeam. 30 sons and daughters sell, 30 bred to him. The families are **BANDY MAID MISS BURGESS, WITCH OF ENDOR, BALLINDOLLICK GEORGINA, MISSOURI EDELLA, McHENRY** and **MISSOURI BARBARA, ELINE, ENCHANTRESS, EBOREA, ELBA, ERICAS, McHENRY, LANTZ** and **JUDY BLACKCAP, MISS BURGESS**, and others.

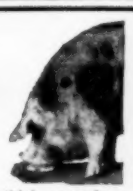
Also Selling This Great 400 Acre Farm

FEMME OSAGE FARM, real producing livestock and grain farm, selling to highest bidder in forenoon, without reserve. Especially adapted to beef, dairy and pork production on a large scale with **320** acres highly improved bluegrass pastures, **170** acres fertile fields with more tillable, 8-room modern, solid brick home, on beautiful site overlooking Missouri River Valley. Tenant houses. Five feeding and fitting barns, 3 strictly modern and new. A modern 100x30 machine shed. Two deep wells with automatic system, water to barns and pastures. Ask for complete details or **FREE** cattle catalog mailed on request. Address

Wm. J. Ray - Defiance, Missouri

GERRIT J. KEMPERS & SON SALE

Spotted Poland Chinas



65 HEAD--ALL SPRING GILTS

We are selling a grand good offering of Spotted Poland China bred sows; we think as good as you will find in any sale in northern Iowa this winter. Please remember our place and date.

Hull, Iowa, February 17th

Our offering will be made up of big, husky, well bred gilts. These will be sired by **KEMPERS' WIDE BACK, BIG BOMBER** and **THUNDERBOLTOP**. These have been fed a balanced ration and are a wonderful lot of sows. They are bred to **PROMOTOR**, an outstanding fall boar from the Mike Bay's herd; also to **SUPERB**, one of the very best young boars we have seen all fall, and the top boar in the Fred Goodchild sale, and **STARDALE**, a great April pig by Starbeam. These sows are all bred for March and April litters. Write for our catalog at once and please mention Wallaces' Farmer and Iowa Homestead. Address

GERRIT J. KEMPERS & SON, HULL, IOWA

Auctioneers, Taylor and Martin

WEITZ'S HAMPSHIRE SALE

In Marvel's comfortable cattle barn in

WEBSTER CITY, IOWA

Thursday, Feb. 20th

45 HEAD

35 Spring Gilts — 5 Fall Gilts — 5 Tried Sows

A real offering of uniform thick, heavy-hammed, short-legged gilts and sows including tops from the best crop of pigs we ever raised. The gilts are by **MR. MIXER, CORRECTED, OVATION** and **FULL MEASURE**. Five choice tried sows by **GOLDEN JUBILEE, FOUR SQUARE** and **FULL MEASURE**. Best in blood lines. They are bred to **MR. MIXER**, top son of The Mixer; **SAFEWAY**, one of the thickest, shortest-legged boars of the breed. A pair of boars as well bred and popular as any of the breed. Good quality. Plan to **COME**. Ask now for **FREE** catalog. Please mention this publication.

MAURICE WEITZ, WEBSTER CITY, IOWA

IOWA ANNUAL

HEREFORD HOG BREEDERS ASSOCIATION

SHOW—10:00 A. M. *and* **SALE—1:00 P. M.**

At Swine Palace

COLFAX, IOWA, SATURDAY, FEBRUARY 15th

40 Bred Gilts—10 Falls Boars

The top individuals selected from the leading herds of Iowa. Gilts bred to many outstanding boars of the breed. Ask for **FREE** catalog. Please mention this publication. Address

HARRIS SELLERS, JR., Secretary, CHARITON, IOWA

Auctioneers, Keith Goode, Dallas Tyson, Monroe Yoder

—U. S. SAVINGS BONDS BOUGHT NOW PAY SURE DIVIDENDS—

FEED BOW-KEY FEED
DES MOINES · · · · · IOWA

HARDY U. S. Grown **ALFALFA** $22.30 cu.
Grimm $24.50; Red Clover $20.00 (contains 25% Timothy); Scarified Sweet Clover $8.30; New Timothy $3.50; Timothy and Clover Mixed $6.75; New Fancy Brome $3.70; Korean Lespedeza $2.60; Hybrid Seed Corn, tested, $4.25. Our seeds recleaned, tested. Guaranteed satisfactory and sold subject your 60-day test. Write now for Free Samples and 1947 Catalog. Hurry, scarcities exist.
AMERICAN FIELD SEED CO.
Dept. 304 Chicago 9, Illinois

LIVESTOCK FOR SALE
BELGIAN STALLION
Four-year-old. Also Belgian and Percheron colts.
DAIRY BULLS
Calves from 2 to 8 months of age of the Holstein, Guernsey, Jersey, Brown Swiss and Ayrshire breeds.
Animal Husbandry Department
IOWA STATE COLLEGE, AMES, IOWA

JOE SHAVER
Omaha, Neb.
LIVE STOCK AND LAND AUCTIONEER
Posted on all the breeds. Have sold for many of the most noted breeders in the middle-west. Write me for dates. Address
JOE SHAVER
3928 Farnam St., Omaha, Neb.

BOSS AUCTION SCHOOL
Box 293, CARROLL, IOWA
Enroll now for spring term. Free Catalog.

BE AN AUCTIONEER
A pleasant, profitable occupation. Send for FREE catalog and how to receive Home Study Course.
FRED REPPERT SCHOOL OF AUCTIONEERING, Box 8, DECATUR, INDIANA

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America's leading Auctioneers teach you. Students sell actual sales during term. Our graduates are successful. Earn large income. Term soon. FREE catalog.
REISCH AUCTION SCHOOL Mason City, Iowa

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AUCTION BUSINESS
Term opens Monday, Feb. 24th. Students given actual experience. School approved by Veterans Administration. Write for free catalog.
Bockelman Auction School Sioux City 14, Iowa

DAIRY CATTLE
BULL AND HEIFER CALVES
Beautiful Holstein, Swiss and Guernsey bull and heifer calves. Registered and grades. Good breeding. Reasonable. Will ship on approval.
J. M. McFarland, Watertown, Wis.

AYRSHIRES
AYRSHIRES
FASTEST GROWING DAIRY BREED
Write for literature and names of breeders near you with stock for sale.
AYRSHIRE BREEDERS ASS'N
47 Center Street Brandon, Vermont

GUERNSEYS
BUILDING A BETTER INCOME
Your success is based on knowing good producing dairy type. The folder, "A Standard of Excellence", includes 21 color photographs, to help you select high producing animals. Send today for your FREE copy.
THE AMERICAN GUERNSEY CATTLE CLUB
746 Grove Street, Peterborough, New Hampshire

GUERNSEYS
OAKLAND GUERNSEY FARM, MUKWONAGO, WIS., offers 5 to 30 1-month-old Guernsey heifer calves at $35 each, delivered on approval. Also older heifers.

WISCONSIN GUERNSEYS
Month old heifer calves. Production bred—good color—satisfaction guaranteed. $35.00 each, C.O.D. on approval. All express charges prepaid. Order from this ad. CHANDLER DAIRY FARM, LAKE GENEVA, WIS.

HOLSTEINS
HOLSTEINS
Offering 5 to 30 high grade Holstein heifer calves, 1 month old at $35 each delivered. Also a few Brown Swiss.
H. R. LORDELL MUKWONAGO, WIS.

HOLSTEIN AND GUERNSEY
HEIFERS
All ages. Some bred. Good breeding. Sold on approval.
JAMES E. WELCH MUKWONAGO, WIS.

HOLSTEIN HEIFER CALVES
Choice high-grade Wisconsin Holstein Heifer Calves delivered to your farm by closed truck in lots of five or more on approval. 6 weeks old $35.00. 10 weeks $45.00. 12 weeks $50.00.
ERNEST SCHNEIDER, WHITEWATER, WIS.

JERSEYS
DON'T BUY A JERSEY BULL
Until you have visited
ARMANN'S JERSEYS
R. R. No. 2 DES MOINES Tel. 6-8446
½ mile east city limits on Easton

TELL THE
ADVERTISER
that you are writing him through his advertisement in WALLACES' FARMER AND IOWA HOMESTEAD.

JERSEYS
JERSEY BULLS
Registered bull calves. Every calf from a good cow. Herd averaged 420 lbs. butterfat per cow for 13 years. Herd free T.B. and Bangs.
J. J. NEWLIN
Polk County Johnston, Iowa

ABERDEEN ANGUS
30 ANGUS FEMALES
Choice purebred, registered cows. Rich in breeding. Good producers.
Priced to sell.
WALTER ENGLAND CLEARFIELD, IOWA

ANGUS BULLS—FEMALES
5 Registered Heifers, Ericas, Queen Mothers and Blackbirds. 2 bred, 3 open. Also young bulls. Calfhood vaccinated for Bangs. Will deliver up to 100 miles.
GROVER B. LUNDT LINN GROVE, IOWA

HEREFORDS
REGISTERED HEREFORDS
Leading blood lines, lots to suit.
High Grade JERSEYS.
SHAWNEE CATTLE CO. DALLAS, TEXAS

POLLED HEREFORDS
POLLED HEREFORDS
Offering several grandsons of Noted **HAZFORD RUPERT 81st**, Internationtl grand champion and sire of champions. Quality and breeding. Reasonable prices.
WM. McARTHUR & SON, MASON CITY, IOWA

SHORTHORNS
12 Choice Shorthorn Bulls
For Sale. We are not making a public sale this spring, so are offering our entire crop at private treaty. Good individuals, popular pedigrees. All reds and roans. Write, but better come and see them. You will like our bulls if you will come and see them. Address
DEWAR BROS.
CHEROKEE IOWA

CHOICE
SHORTHORN BULLS FOR SALE
I am offering six bulls for sale of serviceable age, sired by Royal Hero, and out of Maud and Rosewood cows. Write or come and see them. Address
H. N. HARRISON WASHTA, IOWA

SHORTHORN BULLS
By **Edellyn Golden Count**, Ohio Junior Champion, **Victory Count** and **Curtiss Candy Mercury 2d.** Also a few young cows and heifers.
GEORGE FANNING GILMORE CITY, IOWA

SHORTHORN BULLS
By **Edellyn Golden Count** and **Curtiss Candy Mercury 2d**, a great son of the $8,000 Edellyn Peerless Mercury.
FLOYD FANNING NEMAHA, IOWA

SHORTHORN BULLS
Lavender Beau, roan 3-year-old by Goldfinder Symbol. Also good rugged April bull calves by him. Priced REASONABLE.
MEYERS BROS. R. 1, CARROLL, IOWA

MILKING SHORTHORNS
MAKE MORE FARM PROFITS!
RAISE MILKING SHORTHORNS
4% MILK and GREATEST SALVAGE VALUE

Official as well as "on the farm" records under average farm conditions prove that Milking Shorthorns are best profit breed! Produce 4% milk and have greatest salvage value of all milk breeds! Get the FREE facts. Or read Milking Shorthorn Journal. Trial subscription 6 months, 50c; 1 year, $1.00.
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Chicago 9, Illinois

MILKING SHORTHORNS
Choice purebred females, all ages. Bulls from 2 to 12 months for sale. A **classified** and **tested** Herd. Won 5 blue ribbons at 1946 Iowa State Fair. Cows with records up to **565 lbs. fat.** Phone 51. Come or write
NORAN SHAVER & SON
St. Anthony, Iowa

MILKING SHORTHORNS
Because of ill health, retiring to smaller farm. Will sell nearly all the herd. **Bulls** 2 to 14 months old. **Females** 2 months to mature cows. Best of **Bates, Clay** and **Imported** English families, with highest milking ancestry possible to obtain. **Priced** to sell. Also **White Collie** Puppies, guarantged natural heelers.
PEERLESS & BELL VERNON HERD
Decorah, Iowa

Milking Shorthorn Cattle
Established 1892. Breeding Herds in Rock County, Wisconsin.
We offer quality young bulls from high producing RECORD OF MERIT Dams. Bulls serviceable age and calves. Visit herd—it speaks for itself in production and conformation. REASONABLE.
R. W. LAMB & SON
JANESVILLE, Route 1 WISCONSIN

MILKING
SHORTHORN BULLS
Choice quality, RUTH B. blood lines, with 21,641 lbs. milk and 956.7 lbs. fat. **Reasonable.**
NAAB BROS. LAWLER, IOWA

BERKSHIRES
REGISTERED BERKSHIRES
Sired by Champions out of Champions. SHORT HEADED, low down, feeder type. 200 all ages. Large litters. Farmers' prices.
ORLO ADAMS
2012 E. Thomas Ave. MILWAUKEE 11, WIS.

BERKSHIRE GILTS
Choice purebred gilts to farrow first of April. Also a few early FALL boars. Write or come. No Sunday calls. White Acre Farm.
WILBUR VAN DER KAMP SULLY, IOWA

When writing to advertisers, will you please mention this paper.

BERKSHIRES
RAISE BERKSHIRES
HIGHEST MARKET VALUE
CHEAPER GAINS

Berkshire sows produced as many champions at the great Chicago show during the past six years ('40-'45) as all other breeds including all Champion Carlots. A record of Market superiority. Her pigs proved to have more lean meat in scientific College tests. They made the record of 100 lb. gain on less than 300 lb. feed. She is a careful raiser of large litters of the more profitable kind of pigs. Get longer, roomier Berkshire sows today. Write for facts, breeders list.
AMERICAN BERKSHIRE ASSOCIATION
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Riemenschneider's CHESTERS
Thirty-five bred sows, the best I have ever raised, at private sale, and take it from me, these are good. Mostly by **Ideal Model Pilot** by The Pilot by old Conscription Model. The above boar was grand champion at Spencer in 1946. A few by **Lucky Star**, all spring gilts. Mostly bred to **Result**, by Belle Boy, **Delux** by Model Lad. Bred for March and April farrow. Write or come and see them. Address
Emory Riemenschneider
Pierson, Iowa

DUROC JERSEYS
60 DUROC SOWS
AT PRIVATE SALE
We are now offering 60 of the best sows we have ever raised. All red and golden red sows bred to farrow in March and April. Sired by Broadcaster Jim and C. C.'s Attraction. Bred for March and April farrow. Weich from 350 to 450 lbs. These are choice sows. Write or come and see them. Address
CAMERON BROS. HERMAN, NEB.

DUROC BRED GILTS
Choice gilts at private sale. Daughters of **BLOOD BANK** out of dams by **SPOTLIGHT.** Many are bred to **BREED BUILDER** and others to outstanding son of **SPOTLIGHT IMAGE.** All well-grown, good type and quality. Priced to sell. Act now.
Jack Heffelfinger Mingo, Iowa

REGISTERED DUROC GILTS
Bred for March and April farrow, to a great son of the $4,000 TOP SPOT. Weight around 375 lbs. 4-H Gilts. All vaccinated. Reasonable.
VINCENT DRUMMY RYAN, IOWA

HAMPSHIRES
EMORY RIEMENSCHNEIDER
Offers 35 Hampshire Sows at private treaty. These are strictly high class sows and bred to outstanding boars. These are sired by Ideal Model Pilot, he by Pilot by old Conscription Model. The above boar was grand champion boar at Spencer in 1946. A few of these are sired by Lucky Star. The most of these are bred to Result, he by Belle Boy. A few are bred to the old boar. These are first class sows and carry the very best breeding. Write me or come and see my sows. I am offering some real bargains. Write me at once.
EMORY RIEMENSCHNEIDER, Pierson, Iowa

HEREFORD HOGS
HEREFORD HOGS
NEW! DIFFERENT! DISTINCTIVE MARKINGS!
SHIPPED C.O.D. YOUR APPROVAL
FREE CIRCULAR
VALEHURST FARMS, PEORIA, ILL.

REGISTERED
HEREFORD HOGS
Choice bred gilts. Top individuals. Also splendid FALL pigs. Priced reasonable.
SELLERS BROS. CHARITON, IOWA

HEREFORD GILTS
Purebred gilts bred for March and April farrow. Best of breeding, quality and markings. **Priced to sell.**
MILO ZACH ROWLEY, IOWA

POLAND CHINAS
POLAND CHINA
BRED SOWS FOR SALE
We will not make a public sale so will sell all our bred gilts at private sale. Bred for March farrow to **NEW GRAND** and **GRAND PATTERN.** All of the low down, easy feeding type. For the best in Poland Chinas here is your opportunity.
NICK N. KIRSCH CARROLL, IOWA

POLAND CHINA
GILTS AND TRIED SOWS
Bred to a son of SPOTLIGHT and ROYAL LAD and other top boars. Fall boars and gilts sired by ALTA SPOTLIGHT and ROYAL LAD.
FORREST HULTGREN ALTA, IOWA

POLAND CHINA GILTS
Bred for March and April farrow. Also Fall, September farrowed boars. Size, quality and breeding, second to none. Priced right.
CHAS. F. SCHRUNK & SON, MAPLETON, IA.

SPOTTED POLAND CHINAS
SPOTTED POLAND GILTS
Sixty registered sows, fall and spring gilts, enough to satisfy the late inquirers last season. Hogs bred to **HAWKEYE CLIPPER, SILVER TONE, SILVER ARMOUR, THE ARCHITECT,** and **ROYAL ROCKET JR.**, he by Royal Rocket, the boar that sired the low-down type, like that found in this offering. Every one a good one. Come and see them, or I will ship the right kind. New blood lines for old customers. Also **FALL** boars, large for their size.
PETER WITT KEYSTONE, IOWA

Goldberg's Spotted Polands
Registered sows and gilts bred for last of February to April farrow. Good thick, deep-bodied, that are in demand. A few good FALL boars. Ship anywhere. Priced where 4-H boys and farmers can buy.
LUTHER GOLDBERG ESSEX, IOWA

High Testing ALFALFA
$20.40 cu. Grimm $24.90; Red Clover, high quality (contains some Timothy), $19.90; Alsike $25.20; Sweet Clover, Scarified $8.25, Unhulled $4.20; New Timothy $3.75; Alsike and Timothy $6.40; Certified Brome $3.75; Korean Lespedeza $2.50; many other values. All per bushel, triple recleaned. Hybrid Corn $4.25. Guaranteed satisfactory. Free samples—catalog. Charles Sinn, **Box 404, Clarinda, Iowa.**

SPOTTED POLAND CHINAS
40 Spotted Polands
Choice bred gilts mated for March and April farrow. They will weigh 400 lbs. and over, and bred to RELIANCE and STRONG HEART, two of the top boars of the breed. Real 4-H Club prospects here. Visit herd, we are sure they will please. Priced right.
HANSON BROTHERS
Gowrie Iowa

Registered Spotted Polands
Thirty choice thick, low down gilts by **Top King** and **American Full Back.** Bred for March and April farrow to **Feeder's Model** and **Bingo.** Also 100 fall pigs. Reasonable. Ship anywhere.
W. E. BRENTNALL & SONS, FRESCOTT, IOWA

SPOTTED POLANDS
Fifty big, thick, rugged bred gilts, mated to top sires for March and April farrow. Act Now.
CLARENCE HOCK
GILMORE CITY - - - - IOWA

SPOTTED POLAND CHINA
Bred gilts, outstanding quality bred to top great boars. The majority of them are bred to FIRE CHIEF 287777. Write for price and description.
IMKO HUISINGA WODEN, IOWA
Phone 6F27

YORKSHIRES
YORKSHIRE AND TAMWORTH
Purebred registered breeding stock of all ages for sale. Write for circular "W" and price list.
OAK VIEW FARM MINGO, IOWA

YORKSHIRE BRED GILTS
At Auction—MARSHALLTOWN, IOWA, Feb. 24th (Monday Night). "Buy Tomorrow's Hog Today." For FREE catalog and information
RIVERVIEW STOCK FARM, DURBIN, N. D.
HARTLEY STOCK FARM, PAGE, N. D.

SHEEP
HAMPSHIRE AND CORRIEDALE DISPERSION SALE
250 outstanding registered Hampshire ewes bred to outstanding registered stud rams from lambs, age 1 to 4 years—average weight 170 pounds. Fee $25 per head. Also 25 registered buck lambs $22.50 each. 100 purebred ewes of the same quality not registered—$20. Write for description, at once. Also flock of 200 purebred Corriedale bred ewes, bred up from Wyoming's best flock—no papers furnished—yearlings, two's, three—$20 lots 10 head—$18 lots 100 head.
ED STONE, Sales Manager
Phone 838 - - - CHARITON, IOWA

PUREBRED
SHROPSHIRE EWES
Bred to Prize Winning Sires from Flock of Leading Shropshire Breeders.
H. E. HAZEN DENMARK, IOWA

CORRIEDALE EWES
2,000 Young Corriedale Bred Ewes. Farmers' prices. 400 young black fall bred ewes. Will sell any number. 100 registered Corriedale bred ewes.
THOS. STONE CHARITON, IOWA

35 REGISTERED BRED HAMPSHIRE EWES
Bred to top quality show winning rams. Also a few Southdown bred ewes.
EARL R. SMITH
PANORA - - - IOWA

SHROPSHIRE EWES
Registered Ewes bred to BUCKEYE, GIBSON, and YOHE sires. They will please and priced reasonable.
PAUL FREDERICK ORIENT, IOWA

KARAKUL SHEEP
Rams, bred Ewes and Ewes with lambs at side. Registered. Ask for Prices and FREE information.
O. B. APPLETON & SON
EDGEWOOD, IOWA

DOGS
Shomont Collies
Workers—Companions—Guards. Write for free lists.
SHOMONT FARMS AND KENNELS
MONTICELLO, IOWA

GENUINE ENGLISH SHEPHERD PUPS
(Heelers, no fooling.) (Year's trial.) Guaranteed. Training instructions. Males, females, spayed females specialty. (Several partly trained.)
EMIL RUNFT
Reinbeck - - - - Iowa

WANTED TO BUY
Good English Shepherd or Collie pups.
Write Box 1, Wallaces' Farmer and Iowa Homestead

SHEPHERDS, COLLIES
Heelers, Watch Dogs
ZIMMERMAN KENNELS
Flanagan Illinois

GENUINE ENGLISH SHEPHERD PUPS
Guaranteed heelers. Year's trial, training instructions. Males, females or spayed females.
HIGHVIEW KENNELS, CEDAR FALLS, IOWA

DOGS Collie Pups, Rat Terriers, Shepherds, Cocker Spaniels, Scotties, Wire Terriers, Spitz, Airedales. White Collies. Also Trained Dogs. Prices Reasonable. Guaranteed.
THOS. STONE CHARITON, IOWA

BEST YET
ENGLISH SHEPHERD PUPS
Guaranteed to bring home the cows. Year's trial. Choice of sex. Spayed females a specialty. Priced right.
CLOVERDALE FARM ACKLEY, IOWA

Up-to-Date News Of Coming Livestock Sales

ABERDEEN ANGUS

Feb. 11—Ernest Peters & Son, Camden, Ill.
Feb. 12—D. & R. W. Farms, Dispersion, Marshalltown, Iowa; W. A. Hopley, Sale Mgr., Atlantic, Iowa.
Feb. 18-19-20—National Angus Show and Sale, Chicago, Ill.
Feb. 21—Central Illinois Breeders Spring Sale, Congerville, Ill.; Simon E. Lantz, Mgr.
Feb. 26—Peoria Angus Assn., Inc., Princeville, Ill.; R. K. Carter, Secy., Elmwood, Ill.
Feb. 27—Wm. J. Ray, Defiance, Mo.
Mar. 1—J. V. Driscoll and Leslie Oliver, Williamsburg, Iowa; sale at Iowa City, Iowa; Leslie Oliver, Mgr.
Mar. 5—Interstate Breeders Show and Sale, at Sioux City, Iowa; P. K. Pratt, Secy., Walnut, Iowa.
Mar. 10-11—Iowa State Show and Sale, Des Moines, Iowa; Dick Jay, Secy., Ames, Iowa.
Mar. 19—R. E. Schipull, Dispersion, Goldfield, Iowa; sale at Eagle Grove, Iowa.
Mar. 21—Chariton Valley Angus Assn., Kirksville, Mo.; Otto Shinn, Secy.
Mar. 22—Northeast Missouri Breeders, Memphis, Mo.; W. R. Dierks, Secy.
Mar. 25—Goose Creek Farms, Nau & Son, Columbus Junction, Iowa.
Mar. 27—Mercer County Breeders, Aledo, Ill.; Hugh McWhorter, Secy.
Mar. 28—Frank Bradley & Sons, Avon, Ill.
Mar. 31—Orville Ayes, Melbourne, Iowa; sale at Marshalltown, Iowa.
Apr. 15—Penney & James, Hamilton, Mo.
Apr. 16—Central Missouri Breeders, Chillicothe, Mo.; Lewis Anderson, Secy.
Apr. 21—Evergreen Stock Farm, Marshalltown, Ia.
Apr. 28—Marion County Breeders, Knoxville, Iowa; Herb Cline, Secy., Bussey, Iowa.
May 29—Hoelscher Bros., Arcadia, Iowa; sale at Carroll, Iowa.
June 9—Wayland A. Hopley, Atlantic, Iowa.
June 10—South-Central Iowa Assn., Oskaloosa, Iowa; Clyde A. Hanna, Secy., New Sharon, Ia.
June 11—Harken Farms, Osceola, Iowa.
June 19—Eastern Iowa Breeders, Davenport, Iowa; Oliver A. Hansen, Mgr., Durant, Iowa.

HEREFORDS

Feb. 18—Creston Hereford Assn. Sale, at Orient, Iowa; Lloyd H. Woods, Secy., Creston, Iowa.
Mar. 12—Sioux Empire Hereford Club, Sioux Falls, S. D.; Ed Krise, Sales Mgr.
Mar. 13—West-Central Iowa Assn., Denison, Iowa; L. S. Curran, Sale Mgr., Floyd, Iowa.
Mar. 14—Marion County Breeders, Knoxville, Iowa; Walter L. Brown, Sale Mgr.
Mar. 17—Iowa Hereford Cattle Breeders Assn. Sale, at Sioux City, Iowa; F. W. Ketelsen, Mgr., Everly, Iowa.
Apr. 25—Northeast Missouri Breeders, Memphis, Mo.; Geo. Leslie, Jr., Secy.
Mar. 27—Oscar C. Sevig, Walford, Iowa.
Apr. 19—Adel Hereford Sale, Adel, Iowa; Albert DeWitt, Mgr., Peru, Iowa.

POLLED HEREFORDS

Feb. 19—N. W. Iowa Polled Hereford Assn. sale at Spencer, Iowa. Ed Krise, Secy., Rock Rapids, Iowa.
Mar. 12—Sioux Empire Club Sale, Sioux Falls, S. D.; Ed Krise, Mgr.
Mar. 13—West-Central Iowa Assn., Denison, Iowa; L. S. Curran, Sale Mgr., Floyd, Iowa.
Apr. 19—Adel Hereford Sale, Adel, Iowa; Albert DeWitt, Mgr., Peru, Iowa.

SHORTHORNS

Feb. 18—Howard Reilly, Sergeant Bluffs, Iowa; Lloyd Crouch, Hinton, Iowa, and Leo Haverkamp, Remsen, Iowa, Dispersions, at Sioux City, Iowa; Merv. F. Aegerter, Sale Mgr., Seward, Neb.
Feb. 19—Thirty-second Annual Spring Show and Sale, South Omaha, Neb.; Merv. F. Aegerter, Sale Mgr., Seward, Neb.
Mar. 1—Helfred Farms, R. 6, Des Moines, Iowa.
Mar. 8—North-Central Iowa Assn., Mason City, Iowa; R. W. Hagie, Mgr., Clarion, Iowa.
Mar. 10—Southwest Iowa Shorthorn Assn. Sale, Red Oak, Iowa; Malcolm D. Lomas, Sale Mgr., Red Oak, Iowa.
Mar. 10-11—Interstate Shorthorn Breeders Show and Sale, Sioux City, Iowa; F. E. Jackson, Secy., Hurley, S. D.
Mar. 12—Illinois State Sale, Normal, Ill.; Hal Longley, Mgr., Aurora, Ill.
Mar. 17—Marshall County Breeders Show and Sale, Marshalltown, Iowa; Geo. H. Lewis, Mgr.
Mar. 18-19—Iowa State Show and Sale, Des Moines, Iowa; Chas. Garden, Mgr., R. 6, Des Moines, Iowa.
Mar. 20—Missouri State Sale, Sedalia, Mo.; James Comfort, Secy., Columbia, Mo.
Mar. 21—Breeders Sale, Abingdon, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Mar. 27—A. R. Fennern & Sons, Garrison, Iowa; sale at Marshalltown, Iowa.
Mar. 28—Minnesota State Sale, Mankato, Minn.; N. T. Findahl, Mgr., Waterville, Minn.

MILKING SHORTHORNS

Mar. 24—Peter Parkert, Hooper, Neb.; sale at Fremont, Neb.
Mar. 29—Breeders Sale, Mason City, Iowa; Roy A. Cook, Mgr., Independence, Iowa.
Apr. 2—Iowa-Nebraska Breeders Consignment Sale, Council Bluffs, Iowa; H. C. McKelvie, Sale Mgr.

POLLED SHORTHORNS

Feb. 20—Thirty-second Annual Spring Show and Sale, South Omaha, Neb.; Merv. F. Aegerter, Sale Mgr., Seward, Neb.
Feb. 21—Albert Hultine & Son and Fred Blomstrom & Sons, at Lincoln, Neb.
Mar. 12—Eastern Iowa Breeders, Cedar Rapids, Iowa; Earl S. Girton, Sale Mgr., Marshalltown, Iowa.
Mar. 15—Hatch & Dunlavey, Alpha, Ill. (Dispersion), at Abingdon, Ill.
Mar. 22—Illinois State Sale, Normal, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.

RED POLLED

Mar. 7—Illinois-Wisconsin Breeders, Normal, Ill.; I. C. Carr, Mgr., Yorkville, Ill.

DAIRY CATTLE

Feb. 6—Kankakee-Will County Holstein Breeders, Kankakee, Ill.
Feb. 11—H. L. Munn Lumber Co., Ames, Iowa; Brown Swiss Dispersal; V. B. Vye, Sale Mgr., Waukesha, Wis.
Feb. 17—Clovergold Honey Farm, Ayrshires, Nevada, Iowa.
Feb. 20—Stinn & Dumbaugh, Guernsey Dispersion, Storm Lake, Iowa.
Mar. 3—Scottwood Farm, Aurora, Ill.; Ayrshire Dispersal; Frank V. Lile, Sale Mgr., Bellefontaine, Ohio.
Mar. 10—Harold R. Massee & Son, Jersey Dispersal, Nashua, Iowa; Ivain N. Gates, Sale Mgr., West Liberty, Iowa.
Mar. 18—Iowa State Holstein Sale, Waterloo, Ia.

BERKSHIRES

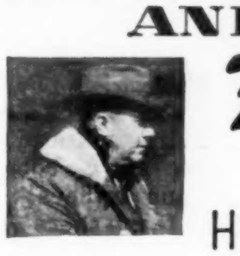
Feb. 3—Milo V. Wolrab, Mt. Vernon, Iowa.
Feb. 4—Carl A. Henkel, Mason City, Iowa.
Feb. 8—Leo Boddicker, Newhall, Iowa.
Feb. 12—O. C. Wilcox, Earlham, Iowa; sale at Winterset, Iowa.
Feb. 19—Douglas Busse, Dakota Point Farm, Elk Point, S. D.
Feb. 20—C. E. & Alex Conover, Holstein, Iowa.
Mar. 1—Minnesota State Sale, Blue Earth, Minn.

CHESTER WHITES

Feb. 5—Henry J. Dickinson, Sabula, Iowa.
Feb. 8—Glen Rinehart, Britt, Iowa.
Feb. 13—Roy V. Copp, Glidden, Iowa.
Feb. 14—C. F. Keen & Sons, Legrand, Iowa.
Feb. 15—A. H. Stuart, Newhall, Iowa.
Feb. 17—Ralph Riemenschneider, Kingsley, Iowa.
Feb. 19—Warren Connor, Glidden, Iowa.
Feb. 24—Robt. Naefke, Clarion, Iowa.

LIVESTOCK FIELDMEN
M. T. WHITE, 604 No. Fortieth St., Omaha, Nebraska, Phone Walnut 1056.
J. E. HALSEY, 1912 Grand Ave., Des Moines.

Around the Farm AND IN THE Feed Lot



by HOWARD MARSHALL

IT'S LAST CALL for hog raisers to get ready for the farrowing season. The spring pig crop appears to be on order for earlier delivery this year than usual, and there are many preparations which will insure a smaller birth loss. Getting the pens scrubbed with boiling water and lye, installing electric brooders, checking up on guard rails, having plenty of clean, dry bedding, and getting the sow on a proper ration are all items of vital importance.

IN SOUTHEAST IOWA, where Keokuk, Wapello and Jefferson counties join, many farmers know the value of Walnut Grove mineral and home grown grain in balancing a ration for brood sows. Earl Rogers, of Sigourney, our representative in this territory, counts among our many customers such men as Clifford Stevens, Chas. Porter, Leo Bach, Dewey Hudson, F. P. Hall, Willis Lowenberg and sons, Warren and Loren, on three farms.

THE ROAD AHEAD for agriculture will be the theme for the ninth annual National Farm Institute, scheduled in Des Moines the 14th and 15th of this month. The program will feature some of the top leaders in the country, representing agriculture, labor and industry. The Des Moines Chamber of Commerce is to be congratulated for having the local leadership to bring such a meeting each year to the heart of the cornbelt.

TO ANSWER ARGUMENTS that a farmer's business isn't of much significance, it's always easy to prove your point with some interesting figures. For example, about one out of every five Americans lives on a farm, while another 20 per cent live in rural areas strictly dependent on farming. One-third of the nation's youngsters are on farms. Industry depends on farms to supply two-thirds of all raw materials. This should be enough to win any arguments with city cousins.

VERY SHORTLY IOWA will lose another outstanding livestock man, as Elmer Hansen leaves his position at Iowa State College to become associated with the American Guernsey Cattle Club at Peterborough, New Hampshire. Prof. Hansen has been at Iowa State for 17 years, during which time his ability as an authority on dairying has received national acclaim. It's not every day that one finds a college professor with a "cow barn" philosophy like Elmer had.

THE YEAR-AFTER-YEAR satisfaction of having customers continue to use a piece of merchandise is a great thing. It surely means that the product is giving good results. The Walnut Grove representative in Hancock county, Iowa, for the last 11 years, Tom Cosgriff, of Britt, has this satisfaction from the steady use of our product by Orval Kluner, Alfred Jacobsen, George Ulrich, Robert Holm, Wm. Paca, Louis Ulrich and Ernest Tree.

IN ORDER TO MAKE Americans more potato conscious, the government is urging growers to help build a bigger national appetite among consumers. At present, we have a $100,000,000 surplus of potatoes, so the suggested procedure is to sell spuds in a super grade package. That is, every tuber would be approximately the same size. Such a move, the government believes, would broaden demands and save much of the surplus from spoilage.

FARMERS WHO MARKETED corn and wheat a year ago, before that unhappy period of the 30c bonus, may still get the premium. At least, there is a bill in congress to this effect, and there are many vote-casters who feel such a move would correct a grave injustice. If the bill is adopted, there'll be a mad scramble on the part of grain producers to find records of sales made between January 1st and April 18th a year ago.

FOR THE SIXTH consecutive year, Iowa land values have shown a substantial increase. For the state as a whole, the average boost in 1946 was $9 per acre. But since 1941, the value increase was something like 69 per cent. The average sale price of Iowa farms last year was $149 per acre. Top grade land advanced more, proportionately, than poor land, which is one way of reflecting the growing number of farmers who have cash to buy better farms.

THE YOUNGER GENERATION might doubt this story, but there was a time less than 15 years ago when hogs weren't so valuable. Offering proof that a 500-lb. boar brought only 45c at Sioux City in 1933, Clarence Pringle, Mallard, Iowa, has an uncancelled check and sales statement. The receipt reveals the boar actually sold for $2.50, but there were deductions of 14c for yardage, 10c for feed, 50c for commission, $1.25 for trucking and 5c for insurance and inspection.

HOGS ARE MORE valuable now and more spring pigs mean more money later. In feeding a pregnant sow, it's important that she have a balanced feed with plenty of bulk, some protein and mineral. Walnut Grove minerals fill the bill in Franklin county, Iowa, where the following farmers use our minerals for brood sows: Robert Miller, Fred Heins, George Heeren, Earl Marken and Melvin, Edward and Francis Oppold, three brothers on three farms. D. M. Armstrong, of Hansell, handles this business for us.

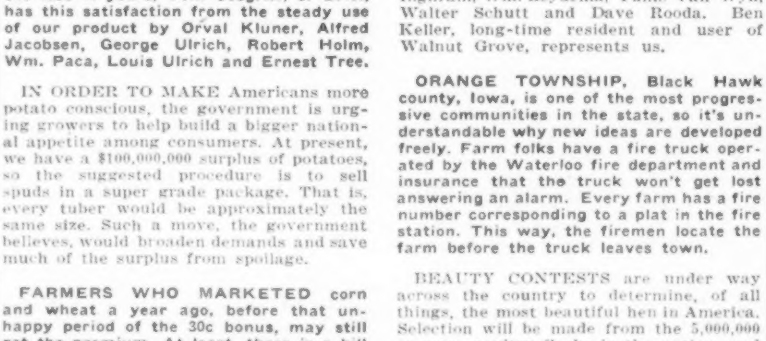
EVERYONE KNOWS that corn is king of all field crops, but did you stop to realize that the peanut ranks tenth as a major crop? In the south, peanut raising is fifth in importance. In Georgia, it leads all other crops in value. Right now, southern farmers are selling a $300,000,000 crop. Half of the crop will end up as peanut butter, 23 per cent will be salted, 20 per cent will go into candy, and only a small portion will be roasted in the shell.

ONE OUT OF 29 IOWA farmers involved in accidents this coming year will die. This isn't a very encouraging picture, yet it is a grim fact based on fatalities of last year. Farm work has become one of the most hazardous of all occupations in the country. Latest available figures reveal that 4,500 farmers are killed annually in occupational mishaps, principally involving machinery, falls and livestock.

JASPER COUNTY has some of the best farming land in Iowa, and Walnut Grove minerals have been a steady favorite in that territory for many years. Customers who increase profits by feeding Walnut Grove include Donald Pierce, Gale Inghram, Wm. Zeydema, Tunis Van Wyk, Walter Schutt and Dave Rooda. Ben Keller, long-time resident and user of Walnut Grove, represents us.

ORANGE TOWNSHIP, Black Hawk county, Iowa, is one of the most progressive communities in the state, so it's understandable why new ideas are developed freely. Farm folks have a fire truck operated by the Waterloo fire department and insurance that the truck won't get lost answering an alarm. Every farm has a fire number corresponding to a plat in the fire station. This way, the firemen locate the farm before the truck leaves town.

BEAUTY CONTESTS are under way across the country to determine, of all things, the most beautiful hen in America. Selection will be made from the 5,000,000 or more poultry flocks in the nation, and the winner will receive the coveted title of "Miss Slick Chick of 1947." Biddy will also make a guest appearance in New York with some of the movie stars. Runners-up in the contest will be awarded specially conceived fur-lined nests, created by a Hollywood designer.



Coming Livestock Sales
(CONTINUED)

DUROC JERSEYS

Feb. 3—Iowa Falls Duroc Breeders Assn., Iowa Falls, Iowa; C. E. Bundy, Secy.
Feb. 4—Warrick Bros., Monroe, Iowa.
Feb. 5—Gregor Vaske & Sons, Dyersville, Iowa.
Feb. 5—Breeders Sale, Spencer, Iowa; Walter Hirt, Mgr., Hartley, Iowa.
Feb. 6—Joe Pudenz, Carroll, Iowa.
Feb. 6—Knotek Bros., Riverside, Iowa, and Harold C. Timm, Muscatine, Iowa.
Feb. 6—Dispersion Sale, Joe Pudenz, Carroll, Ia.
Feb. 8—Hugh Louden, Grinnell, Iowa.
Feb. 8—E. R. LaRue, Dows, Iowa.
Feb. 12—Elmer Willey, Vincent, Iowa.
Feb. 13—Norman D. Erickson, Stratford, Iowa.
Feb. 15—Bert Broek & Sons, Sioux Center, Iowa.
Feb. 17—Roy Hagedorn, Greenville, Iowa.
Feb. 25—Knotek Bros., Riverside, Iowa, and Harold C. Timm, Muscatine, Iowa.
Feb. 24—J. C. Holbert, Sunset Knoll Farms, Washington, Iowa.
Feb. 25—Fred W. Krumwiede, Waverly, Iowa.
Feb. 26—Iowa Falls Duroc Breeders Assn., Iowa Falls, Iowa; C. E. Bundy, Secy.
Mar. 12—Leo Gannon, Mingo, Iowa; sale at Colfax, Iowa.

HAMPSHIRES

Feb. 4—O. W. Jones & Son, Ute, Iowa.
Feb. 6—Lettow Bros., Alden, Iowa; sale at Iowa Falls, Iowa.
Feb. 7—Robin Lane Farm, Hampton, Iowa.
Feb. 11—Albert W. Martin & Sons, Marion, Iowa.
Feb. 13—E. R. Brenneman & Sons, Winfield, Ia.
Feb. 14—Albert J. Larson, Ayrshire, Iowa.
Feb. 18—Raymond Dagget, Conrad, Iowa; sale at Marshalltown, Iowa.
Feb. 19—Danielson Bros., Nevada, Iowa.
Feb. 20—Maurice Weitz, Webster City, Iowa.
Feb. 20—(Night Sale) Ivan M. Olsen & Son, Council Bluffs, Iowa.
Feb. 22—Geo. Lippold, Jr., Avoca, Iowa.
Feb. 25—Don Yusten, Alexandria, S. D.; sale at Sioux Falls, S. D.
Feb. 26—Emmet Conway & Flippin, Dakota City, Neb.; sale at Sioux City, Iowa.
Feb. 27—Matt Locatis & Sons, Ft. Dodge, Iowa.

HEREFORD HOGS

Feb. 15—Iowa Hereford Hog Assn., Colfax, Iowa; Harris Sellers, Jr., Secy., Chariton, Iowa.
Feb. 17—Harold C. Long & Son, Lake View, Iowa; sale at Sac City, Iowa.

POLAND CHINAS

Feb. 18—R. F. Anderson & Son, Botna, Iowa; sale at Manning, Iowa.
Feb. 18—C. D. Freel & Sons, Runnells, Iowa.
Feb. 19—H. F. Olerich & Sons, Rolfe, Iowa.

SPOTTED POLAND CHINAS

Feb. 4—Hensley McClurg, Jefferson, Iowa.
Feb. 5—Jack Zimmerman, Earling, Iowa.
Feb. 6—Fred Fuller, Iowa Falls, Iowa; sale at Eldora, Iowa.
Feb. 6—Leland B. Dellinger, Shell Rock, Iowa; sale at Waverly, Iowa.
Feb. 8—Clifford Pitstick, Jolley, Iowa; sale at Sac City, Iowa.
Feb. 10—Adolph Groepper, Remsen, Iowa.
Feb. 11—Glen T. Scott, Gray, Iowa.
Feb. 15—Joe Holland & Sons, Ocheyedan, Iowa.
Feb. 13—Karl E. Carlson, Lakefield, Minn., and E. R. Pallesen & Son, Fulda, Minn.; sale at Spencer, Iowa.
Feb. 14—Spies & Lein, Greattinger, Iowa.
Feb. 15—C. H. Miller & Sons, Clarion, Iowa.
Feb. 17—Gerrit Kempers & Son, Hull, Iowa.
Feb. 17—Emil Dreher, Audubon, Iowa.
Feb. 20—Eugene J. Roth, Missouri Valley, Iowa; sale at National Swine Palace, Colfax, Iowa.
Feb. 22—Norris Voge, Neola, Iowa; sale at Harlan, Iowa.
Feb. 26—E. C. Marty & Sons, Luverne, Iowa.

SHEEP

Feb. 5—D. M. Norton & Son, Shropshires, Sanborn, Iowa.
Feb. 12—Herbert F. Hoover, Oskaloosa, Iowa.

Livestock News

The second Eastern Iowa Hereford Show and Sale, at Davenport, Iowa, January 7 and 8, under the able direction of Roy Wiese, sale manager, brought out a good attendance. The breeders presented a splendid offering of cattle. Wilfred Worner, San Jose, Ill., placed the awards in an able manner. Design Domino was the champion bull, owned by C. H. Williams, Charlotte, Iowa, and sold for $800 to Otto Schiele, Stockton, Iowa. Reserve champion bull, Iowa's Bocaldo 38th, came from Lyman E. Meyer, Bellevue, Iowa. This bull is a son of FRC Bocaldo Tone, and sold for $525 to Belitz Bros., Bennett, Iowa. Stalwart 74th, a choice tried bull bred by Wiese Bros., a son of Letston Lad 223d and consigned by Ed Harring, DeWitt, Iowa, sold for $550 to Lee Allen, Batavia, Iowa. H. Real Domino 12th, a son of Real Bruce, D. K. 16th, from the Ed Harring herd, brought $490, and went to Ripka Bros., Kewanee, Ill. The champion female was H. & D. Tone Lass 203d, from Hillandale Farm, Muscatine, Iowa, a daughter of H. & D. Tone Lad 21st, and went thru the ring at $510 to Worner Polled Hereford Farm, Mason City, Ill. MB Lois Blanchard 2d, from McMahon Bros.' herd, Graf, Iowa, was the reserve champion, a daughter of Don Blanchard 29th, and sold for $455 to B. M. Peak, Canton, Ill., who purchased several females. The top female was MB Colleen Domino, a McMahon heifer by Iowa Domino 18th, and brought $540, going to Chas. Sick & Son, Blairstown, Iowa. F. Betty Suez 32d, from the Happel & Son herd, Cedar Rapids, Iowa, sold for $400 to B. M. Peak. The 34 bulls averaged $331.40, with 22 females at $299 each and 56 lots at a general average of $318.53. Auctioneer, Guy Pettit.

The Adel Hereford sale, Adel, Iowa, January 11, under the able management of Albert DeWitt, Peru, Iowa, brought out a splendid attendance of breeders and farmers, and it proved to be a most excellent sale. Fifty head of bulls made an average of $325 per head, and this may be regarded as very good. Considering this was what might be termed a bull sale, it was indeed very good. The top bull was Real Domino 79th, from the C. S. Wimmer herd, Afton, Iowa, and sold for $550. Mr. Wimmer sold another for $340. Bruce Domino, consigned by Ray O. Stark, Boxholm, Iowa, went to De Murphy, Rippey, Iowa, at $400. Frank Johnson, Murray, Iowa, took one at $370, and it was consigned by the Grimes Hereford Farm. Mrs. John Kelleher sold one bull for $300 and another for $295. The top female was from Earle E. Clements, of Earlham, Iowa, and went to Roy Johnson, Van Meter, Iowa, at $350. Auctioneer, J. E. Halsey.

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This Year Save Your Back, Time and Trouble

Hydraulic Power makes your Tractor more valuable than ever.

Loading manure! Cleaning the feed lot! Shoveling snow, cobs or grain! Putting up hay! Filling ditches! Yes, everywhere you turn on the farm there is loading, hauling and unloading work to be done. Hard work! Back straining work! Time consuming work! The pitch fork and shovel are now laid aside by progressive farmers who use hydraulic power harnessed to their tractor or truck to get work done easily and fast.

Twin Draulic

NOW - Try the NEW Heavy Duty Twin Draulic All Purpose LOADER

On Your Own Farm . . . . On Your Own Tractor

Your Satisfaction Is Guaranteed

Fits Most All Tractors

1 ON or OFF in a Jiffy

2 Powerful, Even TWIN Draulic Lift

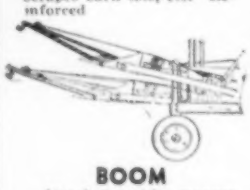
3 Most Weight Balanced on Rear Wheels

BULK SHOVEL

Extra wide, easily replaces manure bucket. Has steel bite. Clears snow. Loads corn in cribs. Handles cobs, grain, etc.

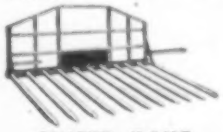
BULLDOZER

Clears roads, does filling and terracing, grading, scrapes barn lots, etc. Reinforced



BOOM

Attached with manure bucket for lifting barrels, bales, pulling fence posts, butchering, etc. Extra reinforced.



SWEEP RAKE

Replaces loading bucket for moving hay from windrow or shock. Harvesting small grain, etc.

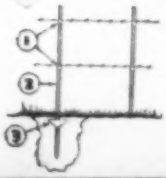
Don't guess about loader satisfaction. Because the Twin Draulic is so quickly and easily mounted or dismounted on your tractor, you can see for yourself how it does most all of your hard loading and lifting jobs. YOUR SATISFACTION IS GUARANTEED. See how Twin Draulic power is as smooth and powerful as a freight elevator. How the stabilized hydraulic action delivers more power at the start of the lift. See how the Twin Draulic lifts faster, easier, higher. (Lifts one ton 10½ ft. high.) See how most weight is placed on the rear wheels for easier steering—less strain on the front—more traction in wet conditions.

Forward thinking farmers are taking delivery now. This gives them the Twin Draulic loader for snow removal, handling cobs and other winter work PLUS assurance of having the loader ready for manure loading, then putting up hay later on.

See your dealer or send the coupon. The Twin Draulic Loader fits on the following tractors: John Deere A and B, Case SC, DC and VAC, Massey-Harris 101 Jr., SV and Challenger, Oliver 60, 70 and 80, Allis-Chalmers WC and RC, Minneapolis-Moline R, Z and V, Farmall F20 and F30, McCormick-Deering H and M.

Twin Draulic PUMP

The heart of hydraulic power for your tractor or truck. Has finger tip control with the powerful action needed for hoisting loads of all kinds. The key to your satisfaction in using hydraulic power. Fits any tractor or truck and is operated from power takeoff. Easily attached.



Lifting, carrying, scraping and loading is now done with the Twin Draulie, All Purpose LOADER. Unloading from the wagon trailer or truck is done smoothly and as easily as shifting gears in your car with the Twin Draulic Dump. Hydraulic lifting, loading and unloading is the new step forward in farming. . . . Your tractor has now become more valuable and helpful than ever.

Twin Draulic TRUCK DUMP

Heavy Duty hydraulic cylinder centered under the truck body hoists the load up to 7 ft. smooth and **FAST.** Hoists up to ten tons as quietly and easily as a freight elevator. Stopped at any height for unloading or dumping any load. Fits any kind of truck or truck body. Power takeoff operates hydraulic pump with finger tip control. Powerful, balanced hoisting action out of the way when not in use. Quickly installed.

Fits All Trucks and Body Types

Unload IN MINUTES Without Work

TWIN DRAULIC DUMP saves time and back-breaking scooping in unloading. Fits every job and won't balk on any load. It is easily coupled with the hydraulic pump on the tractor. . . . Used on any 4-wheeled running gear with a 38-inch bolster. . . . Gives a 7 ft. lift (which is more than enough to dump any load) and provides a real clearance of 20 inches when the box is raised (ample room to clear any hopper). Any type of box can be mounted on the hoist and adds only 3 inches to the overall height of the box. The hoist is underneath the box, protected from all types of weather and out of the way. Here is the trouble-proof, powerful hydraulic Dump for you.

Wagon and Trailer DUMP

See your Twin Draulic Dealer or mail the coupon

Twin Ezy "Electric"

FENCE POSTS

Anchored in ground with a push of the foot. Rigid, steel post with wide anchor plate. Each post fitted with 2 adjustable, insulated wire holders. Low priced.

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